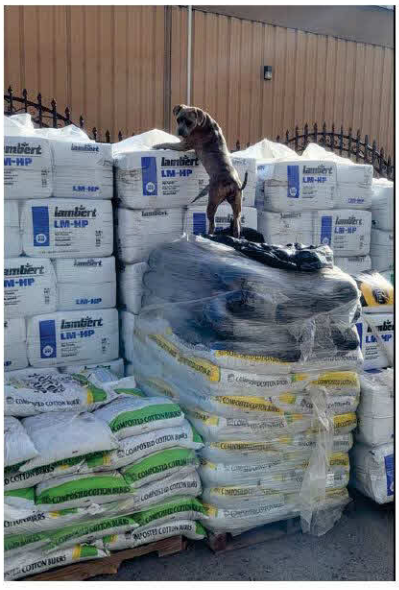
GREENHOUSE & GARDEN SUPPLY

www.GreenhouseAndGarden.com

FOR ALL YOUR GROWING NEEDS!!



Terms & Conditions

Business Hours: 8:00am to 4:30pm
Monday - Friday

Terms:
Net 30 days on approved accounts. A finance charge will be assessed on all amounts overdue. $20.00 fee will be assessed on all returned checks. We accept credit cards shown above.

3% transaction fee will be added to all credit card payments over $1,000.

Prices:
Prices are subject to change without notice. Call our office, or contact your salesperson for prices. Full price list may be e-mailed to commercial accounts on request.

Order Input
Orders may be input to our office via e-mail, fax, and telephone. Final orders e-mailed to our office is efficient, and gives both parties a written record of the order.

Minimum Order:
Shipped on our truck- Minimum order varies depending on distance from our warehouse.

Delivery:
We operate a delivery service to most parts of New Mexico, SW corner of Colorado, and the El Paso area. Call our office for the delivery schedule in your area. Location, physical conditions, and office hours may, or may not allow for delivery on our trucks.
We can ship on common carriers, UPS etc.

Claims:
If product is damaged by the carrier you must note on bill of lading, and file with the responsible carrier.

Delays:
We are not responsible for delays beyond our control.

Recommendations:
All recommendations given by this catalog, and Greenhouse & Garden are from recognized horticultural sources, and manufacturers. It is the responsibility of the user to determine the proper, safe use of products in a specific situation.

Returns:
Returns, on stocked items, may be made after authorization from our office, and are subject to a 20% restocking charge. Special Orders are non refundable.

Notice to Purchaser: *The following is made in lieu of all warranties expressed, or implied. The seller is not liable for any injury, loss or damage, direct or consequential, arising out of the use or inability to use the product. Before using, user shall determine the suitability of using the product for their intended use, and user assumes all risks and liability whatsoever in connection thereof. Any claims for loss or damage in the use of this product must be summited to the manufacturer. Seller makes no recommendation, expressed or implied, on any product sold. the seller does not package, repackage, alter, formulate or manufacture the product; therefore the seller assumes no responsibility or liability whatsoever in the use of the product.The forgoing may not be changed in any matter whatsoever.*

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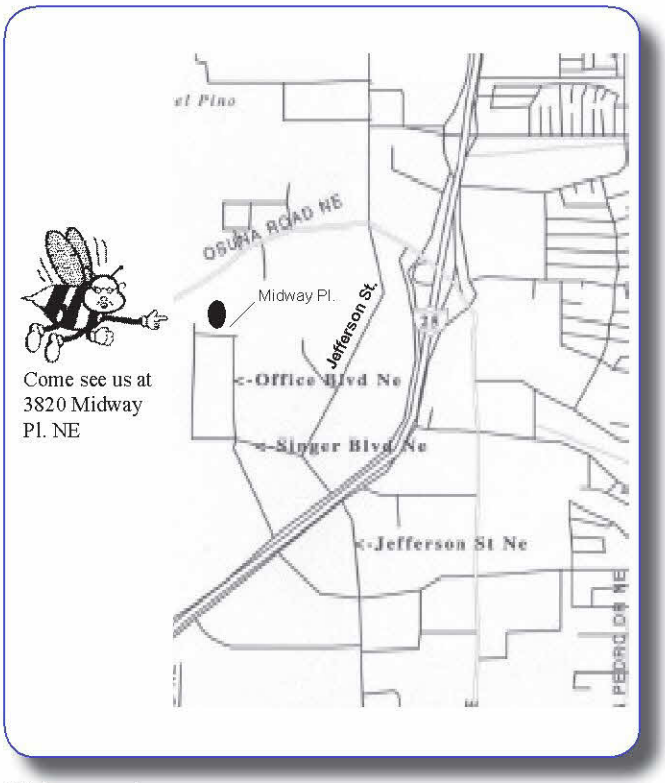


Shipments

We are able to ship our orders by most of the common methods: 1. Parcel Post, 2. Motor Truck, 3. United Parcel Service, 4. Air Freight, 5. Courier, 6. Our own delivery service.

Normally, we route shipments the most economical way unless otherwise instructed. We are limited on the materials that we can ship by Parcel Post and United Parcel Service because of hazardous materials restricitions. Air Freight is onlhy used at the request of the customer.

UPS Delivery

We have found that UPS deliveries are generally the most expedient method for shipping, providing certain requirements can be met. We cannot ship all materials via UPS. PO boxes are unshippable addresses for delivery.

UPS requires a signature at the time of delivery. Let us know when you place a UPS ship order if someone will be available to sign at the delivery location; if not, another shipping company will be substituted.

Damaged Shipments

If you see that the package is damaged upon receipt from UPS, refuse the shipment. UPS will return the shipment to us. We will file a claim and send out a new shipment immediately.

If after opening the package you find concealed damage, notify us at once and we will have UPS pick it up and return it to us for a claim and we will re-ship your order.

Common Freight Carrier Shipments

At time of delivery, via common carrier, you will receive a *Bill of Lading.* The *Bill of Lading* you recieve indicates that material shipped has now become *your property* and is an acknowledgement by the Transportation Compnay of the receipt of the material in good condition.

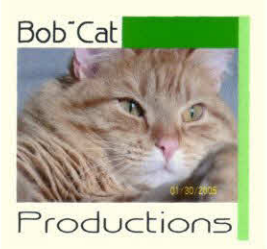
Safe delivery of this shipment is now the responsibility of the carrier. We will be glad to render assistance to trace and help recover lost goods.

Examine the shipment carefully before signing the freight bill. If any damage is noted, or if the number of pieces received does not agree with the Bill of Lading, *do not accept the shipment without shortage or damage noted of the Bill of Lading by the carrier's agent.*

Make your claim promptly. The transportation company will not consider a claim unless pressented by you in writing. The carrier's agent will assist you in making your claim.

Greenhouse and Garden supply is not responsible for freight claims brought on by damages and/or loss from any other Freight Company; however, will assist you in the recovery process.

Claims for loss or damage and transportation charges resulting therefrom must not be deducted from the invoice, nor payment of invoices witheld awaiting adjustment of such claims, since it is the function of the freight carrier to guarantee safe delivery.



Ferti*Lome Peat & Potting Media

Canadian Sphagnum Peat Moss

- Ideal additive for any potting mix
- Loosens heavy soil
- Adds moisture retention to sandy soil
- Helps conserve water

Call for drop ship prices.

Code	Size	Pack	Pallet
FLPEMO1	1 cu.ft.	1	100
FLPEMO2	2.2 cu.ft.	1	50
FLPEMO3	3.0 cu.ft.	1	35

https //www.fertilome.com/

Ultimate Potting Mix

Premium quality Mix

- Optimum water retention
- Slow release humates
- Use indoors or outdoors
- Resealable

Code	Size	Pack	Pallet
FLULMI25	25 qt.	1	90
FLULMI3	3 cu. ft.	1	48
FLULMI50	50 qt.	1	65
FLULMI8	8 qt.	6	30

Decorative Sphagnum Moss

Mostly used to line wire frames and wire hanging baskets. Some species of orchids especially Phalaenopsis are grown with this.

- Topiaries
- Wire Basket Liners
- Bonsai display
- Orchids

Code	Size	Pack	Pallet
FLDEPO8	8qt.	6	30

Perlite

- Nontoxic
- Sterile
- Heat expanded natural volcanic lava

Code	Size	Pack
FLPERL8	8 qt.	6

Vermiculite

- Heat Expanded Mica
- Sterile
- Improves Waterholding

Code	Size	Pack
FLVERM8	8 qt.	6

Seed & Cutting Mix

- Fine Milled
- Lightweight
- Promotes Germination & Rooting

Code	Size	Pack
FLSECU8	8 qt.	6
FLSECU16	16 qt	1

Cactus Mix

- Course Mix
- Contains Granite Sand
- Duplicates Arid Conditions

Code	Size	Pack
FLCASU4	4 qt.	12
FLCASU16	16 qt	1

Humic Granular Humic Acid

HuMic Granular Humic Acid soil amendment is for Vegetables Gardens, Flowerbeds, Indoor Plants and Compost Bins. A Highly concentrated soil conditioner.

Humic Acid 35%

www.GreenhouseAndGarden.com

Lambert Professional Products

LM-1 Gemination Mix

Designed for the production of Plug and Transplants. A blend of fine-fibered Canadian sphagnum peat moss along with a well balanced charge of macro and micro nutrients, dolomitic and calcitic limestone for pH adjustment including a wetting agent for easy hydration. Fine vermiculite and perlite help promote aeration and ideal water holding capacity. This media is also suitable for overhead irrigation

Code	Size	Pack	Pallet
Compressed			
LAGEMI3.8	3.8 cu ft	1	30
Loose			
LAGEMI3	3 cu ft	1	48

LM-3 General Purpose Mix

By far, the standard of mixes that Lambert Peat Moss has to offer. This media provides excellent aeration, high water retention and good drainage. Made from a blend of coarse blond Canadian sphagnum peat moss, coarse perlite and medium vermiculite. The substrate has a starter charge of macro and micro nutrients. A balanced pH with calcitic and dolomitic limestone and a wetting agent for thorough water penetration. Uniform plant growth can be expected from convention flood and overhead irrigation.

Code	Size	Pack	Pallet
Compressed			
LAGEPU3.8	3.8 cu ft	1	30
Loose			
LAGEPU3	3 cu ft	1	48

LM-6 High Drainage Mix

A high porosity growing media designed with long-fibered Canadian sphagnum peat moss including the addition of large peat chunks and coarse perlite. LM-6 is designed for crops that require higher air capacity and drainage. Fortified with a well balanced starter charge of macro and micro nutrients, wetting agent and pH balanced with dolomitic and calcitic limestone. This high drainage formulation is specially designed for high aeration less weight and because of its porosity, LM-6 is very resistant to the formation of algae

Code	Size	Pack	Pallet
Compressed			
LAHIDR3.8	3.8 cu ft	1	30
Loose			
LAHIDR3	3 cu ft	1	48

LM-40 High Porosity Mix

With Mycorrhizae

A high porosity growing media designed with long-fibered Canadian sphagnum peat moss including the addition of large peat chunks and coarse perlite. LM-40 is designed for crops that require higher air capacity and drainage. Fortified with a well balanced starter charge of macro and micronutrients, wetting agents, and ph balanced. LM-40 is very resistant to the formation of algae. Contains mycorrhizae as well.

Code	Size	Pack	Pallet
Compressed			
LAHIMY3.8	3.8 cu ft	1	30

www.GreenhouseAndGarden.com

Black Gold Potting Mixes

Call for drop ship prices.

Potting Mix

Code	Size	Pallet
Compressed		
BGALOR1	1 cu.ft.	70
BGALOR1.5	1.5 cu.ft.	50
BGALOR2	2 cu.ft.	40
BGALOR16	16 qt x 4	30
BGALOR8	8 qt x 8	30
BGALOR4	4 qt x 9	42

Black Gold All Organic Potting Soil

This is a 100% organic mix that consists of screened earthworm castings and Canadian sphagnum peat moss. It contains compost and forest humus. Perlite and pumice are also added to ensure optimum aeration for sturdy growth.

Code	Size	Pallet
BGCOBL16	16 qt x 4	30
BGCOBL2	2 cu.ft.	40

Black Gold CocoBlend Potting Soil

Cocoblend combines coconut fibers (coir) and Canadian sphagnum peat moss to give all your outdoor container plants the water retention advantage against constant exposure to heat, wind, and sun. Also contains earthworm castings and pumice.

Black Gold Earthworm Castings

Excellent for top dressing or diluted to make a "liquid" tea, or as a soil ammendment to stimulate plant growth. Improves soil structure and increases microbial activity. Minerals and nutrients are in water-soluble form.

Code	Size	Pallet
BGWOCA8	8 qt x 8	30
BGWOCA16	16 qt. x 4	30

Potting Mix

Code	Size	Pallet
BGGACO1	1 cu.ft.	70

Black Gold Garden Compost

Organic and nutrient-rich compost to improve your garden's soil or can be used as a mulch. Mixture contains Canadian sphagnum peat moss, forest humus, and aged compost which is excellent for increasing vegetable yields and flower blooms by improving your soil structure.

Code	Size	Pallet
BGSEMI16	16 qt x 4	30
BGSEMI8	8 qt x 8	30
BGSEMI1.5	1.5 c.f.	50

Black Gold Seedling Mix

Double screened Canadian sphagnum peat moss, and fine perlite give seedlings the aeration and moisture retention for strong development. Includes a wetting agent to ensure rapid water penetration. The fine texture encourages high germination and easy transplanting.

Growers Gold

- An all purpose **potting mix** for all types of containers including: **gallon containers** and **fabric containers**
- Can be used for both **indoor** and **outdoor** growing
- Contains **RESILIENCE®**, our trade name for silicon, which may improve resistance to wilting
- A **great value** for growers:
  - Coco coir provides superior moisture retention
  - Long lasting wetting agent that spreads and penetrates throughout the mix
  - 2 CFL size fills **two** 7 gallon fabric containers or **three** 5 gallon plastic pots

GROWERS GOLD
POTTING MIX

THE PROFESSIONAL GROWER'S CHOICE
Same quality ingredients used in our Sunshine #4 mix
COIR + PEAT MOSS + PERLITE + SILICON

Black Gold Potting Mixes

All Purpose

Mix in existing soil, or use straight from the bag.

Contains:
Canadian sphagnum peat
worm castings
forest humus
pumice
slow-release fertilizer

Code	Size	Pack	Pallet	Weight
BGALPU1	1 cu.ft.	1	70	26
BGALPU1.5	1.5 cu.ft.	1	50	38
BGALPU16	16 qt.	4	30	64
BGALPU2	2 cu.ft.	1	40	52
BGALPU4	4 qt.	9	42	36
BGALPU8	8 qt.	8	30	64

Cactus Mix

Use straight from the bag for, cacti, bromeliads, and succu-lents Contains:pumice
earthworm castings
forest humus

Code	Size	Pack	Pallet	Weight
BGCAMI12	12 qt.	4	30	64
BGCAMI8	8 qt.	4	30	36
BGCAMI1	1 cu.ft.	1	63	30

sungro HORTICULTURE

Germination Mix Sunshine #5

SUSM5....2.88cf bag

Metro Mix 820/830/840

TLMM820.....2.8 cf bag
TLMM830.....2.8 cf bag
TLMM840.....2.8 cf bag

For more Sun Gro products and info see page 67-68.

Black Gold Potting Mixes

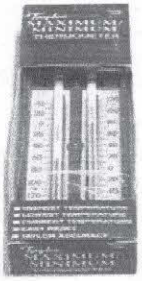
African Violet

African violets thrive in this blend which maintains a good balance between porosity and organic matter for happy blooming plants with beautiful foliage. It is also suited to Gloxinia, Sinningia, Streptocarpus and other gesneriads and sensitive container plants.

Code	Size	Pack	Pallet
BGAFVI8	8 qt	8	30

Thermometers / Meters

Thermometers



Maximum / Minimum - Indoor and outdoor thermometer. Reads highest and lowest temperatures.
Digital, will record high / low temperatures.
Wall thermometer - Indoor and outdoor use.
Large easy to read face.
Soil Test Thermometer - 4" probe with large dial face.

Code	Type
TAMAMID	Max/Min
TASOTH	Soil Thermometer
TAWATH	Wall Thermometer

Moisture Meters

Root level moisture results in seconds
No batteries needed
3-In-One
Soil pH analysis, Light Meter, Moisture Meter.

Code	Type	Pack	Weight
BO9628	Moisture	6	2
BO9629	pH	6	2

Just Coir Mix

Usage

- Annuals and Perennials
- Bedding Plants
- Garden Soil Amendment
- Hanging Baskets and Windowboxes
- Outdoor Containers
- Potting Mix Component
- Raised Beds

Code	Size	Pallet
BGJUCO2	2.cf	40 bags

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Back to Earth ORGANICS

BTE Worm Castings

High quality worm castings creates an optimal soil enricher. This organic fertilizer improves soil aeration, drainage, and water retention.

5lb & 25lb Bag

BTE Diatomaceous Earth

Provides a good source of silica which improves plant strength and resistance to pests and disease, helps plants absorb nutrients and increase drought tolerance.

Available in: 12oz Shaker, 5lb Bag, 25lb Bag, & 50lb Bag

BTE Texas Green Sand

Naturally occurring iron potassium silicate. Excellent source of iron, potassium, silicate, phosphorus and trace elements.

5lb Bag

BTE Elemental Sulfur

Naturally occurring mineral used to correct alkaline soil issues.

4lb Bag

BTE Expanded Shale

Improves aeration and drainage in tightly packed soils. Improves moisture and nutrient retention in sandy soils.

40lb Bag

BTE Rock Phosphate

All natural source of phosphorus. Promotes root development and plant photosynthesis. Beneficial for fruit and flower production

5lb Bag

BTE Kelp Meal

Provides a valuable supply of naturally chelated nutrients and growth stimulants. Promotes microbial activity and improves moisture retention.

5lb Bag

BTE Alfalfa Meal

Great source of nutrients and Triacontanol, a natural growth stimulant. Helps create larger flowers and increases cold tolerance. Excellent for roses

5lb Bag

Yum Yum Mix Plant Food

An organic fertilizer that contains a complete array of major and minor plant nutrients derived from natural vegetable and mineral resources.

Available in: 12oz Shaker, 5lb Bag, & 25lb Bag

.5 cu. ft. bag

.5 cu. ft. bag

Oldcastle APG
A CRH COMPANY

Oldcastle APG

A CRH COMPANY

Tulia

Your Complete Landscape Supplier

TIMBERLINE

YOUR SINGLE SOURCE SUPPLIER: Excellence in customer service, superior quality products and multiple locations for faster service equals total reliability and complete customization for your orders
Oldcastle Lawn & Garden helps you give your customers exactly what they want!

MIX AND MATCH PROGRAM: All of our products can be mixed and matched on the same truckload. Products may be shipped freight prepaid to your destination or picked up at any of our locations.

Product availability varies by region

SHIPPING: Products are shipped freight prepaid to your destination in full-truckload quantities. A half load may be purchased with an additional stop charge added, and needs to be matched with another half load within a 25 mile radius. All pallets are shrouded and shrink-wrapped at no extra charge.

Drivers are not required to assist in unloading or tailgating

BULK: We are able to supply several of our mulches and soils in bulk quantities. Please call our customer service experts for further assistance.

FUEL SURCHARGE: Fuel and other related surcharges may apply and are subject to change pending economic factors. By placing an order, you agree to such charges.

TERMS: Regular cash terms are NET 30 with approved credit.

Soils • Mulches • Decorative Stones

Soils & Compost

Mulch

Cypress Blended with Pine

2 CF bags

Cedar Blended with Hardwoods

Hapi Gro Organics

Organic Potting Mix

Crafted from composted cotton burrs, cattle manure, forest products, HydraFiber, Peat Moss and organic fertilizer. Perfect for container growing.

25qt bag

Organic Garden Soil

Crafted from composted cotton burrs, cattle manure, forest products, and organic fertilizer. Perfect for any landscape project.

1cf bag

Organic Raised Bed Mix

Crafted from composted cotton burrs, cattle manure, forest products, HydraFiber, Peat Moss and organic fertilizer. Perfect for raised beds or various landscape projects.

1.5cf bag

Glee Hydra Fiber Potting Mix

HydraFiber, Canadian Peat Moss, wetting agent, lime and slow release fertilizer - Glee is perfect for container growing, flower beds and gardens.

.4 cf bale

Organic Compost

Pine fines screened to 5/8" minus

2cf bag

Premium Top Soil & Manure

Top Soil—Timberline

Contains Top soil, composted cattle manure and forest products. Great for lawns, gardens and various landscaping projects.

40# bag.

Black Velvet Premium Top Soil

Screened premium composted top soil and cattle manure. Great for lawns, gardens and various landscape projects.

Cow Compost—Timberline

Contains composted soil, cattle manure and forest material. Provides plants with a storehouse of nutrients. 40# bag

40# bag

Black Kow Composted Manure

An organic media that improves both soil drainage and moisture retention. Perfect for vegetable gardens, flowerbeds and trees.

1 cf bag.

Peat Humus—Timberline

Composted forest and soil material. Great for flower or vegetable gardens, as well as lawns.

40# bag

Cotton Burr Compost

Back to Earth Cotton Burr Compost

Aerobically composted product from the cotton plant. Adds valuable organic matter to the soil, helps retain moisture, wets and re-wets easier than peat. Helps break up tightly packed soils.

2 cu. ft. bag

Back to Earth Cotton Burr Compost Acidified

Aerobically composted product from the cotton plant with elemental sulfur. Adds valuable organic matter to the soil, helps retain moisture, wets and re-wets easier than peat. Helps break up tightly packed soils.

2 cu. ft. bag

Potting Soil—Timberline

Contains composted top soil, cattle manure, forest products and perlite. This growing medium is great for gardens and flowerbeds.

40# bag

Scan for Berger webiste.

Berger 1963-2023

BM 2 SEED GERMINATION

High-performance, general purpose plug mix for unmatched uniformity during seed germination and seedling production. Designed for seamless flow through tray filling system, this blend of fine grade peat moss, perlite and vermiculite can be used with most production systems and cultural conditions.

BM 6 ALL-PURPOSE

With higher perlite content, this version of our renowned BM6 is designed to provide additional drainage and aeration. This traditional peat & perlite mix's versatility and performance exceeds industry expectations.

OMRI CERTIFIED ORGANIC SOILS

OM 2 SEED GERMINATION

High-performance, general purpose plug mix authorized for organic production to ensure unmatched uniformity during seed germination and seedling production. Designed for seamless flow through tray filling system, this blend of fine grade peat moss, perlite and vermiculite can be used with most production systems and cultural conditions.

BM 8 WATERSAVING

With the addition of our professional-grade composted peat moss, this mix is specifically designed to legthen the dry-down period. The extra water reserve is great for maitaining moisture level in hanging baskets and large containers.

BM 7 BARK MIX

High bark content provides excellent porosity while giving additional weight for anchor. Designed for both greenhouse and outdoor productions in the southern and mid-western USA, this mix allows excess water to drain rapidly.

OM 6 ALL-PURPOSE

The classic peat & perlite growing medium is authorized for organic production and made exclusively with superior ingredients. Benefit from easy inventory management with this versatile and adaptable mix.

3 cu ft loose.....3.8 compressed bale.....110 cu ft compressed

Pioneer Harvest

Pioneers Dehydrated Coir Cubes

Pioneer Harvest Soil Media

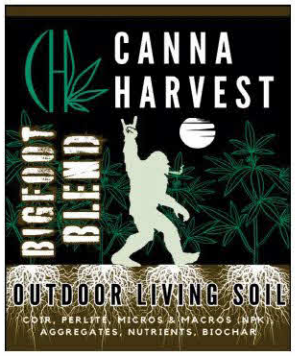
Indoor Living Soil

The white lightening of potting soils! Fully charged with generous amounts of worm castings and carefully selected bio nutrients.

Works equally well indoors and out with traditional and hydroponic techniques. After transplanting seedlings you can begin feeding immediately or rely on Moon-shine's nutrient charge for up to 6 weeks with no extra nutrients needed.

Code	Size	Pack	Pallet
PHLSOB2	2 cu.ft	1	55

Outdoor Living Soil



The Outdoor Living Soil is and expertly balanced, biological mix ready to use right our of the bag. Includes 4-6 weeks of nutrients. It is specifically designed to reduce downtime, maximize yields, and minimize costs .

Code	Size	Pallet
PHLSODB2	2 cu ft	55

Interstellar 55/45+Biochar Pro Blend

The 55/45 Biochar Blend is an expertly balanced, perlite and biochar ready to use right out of the bag. All our blends are specifically designed to reduce downtime, maximize yields, and minimize costs. It is the perfect clean slate to build your nutrient schedule on with a boost of carbon built in.

The Interstellar Blend is an extremely porous substrate, buffered to promote nutrient uptake, allows for heavy feeding and easy flushing.

Code	Size	Pack	Pallet
PH55452	2 cu.ft	1	55

65/35 Blend Buffered Coir Perlite

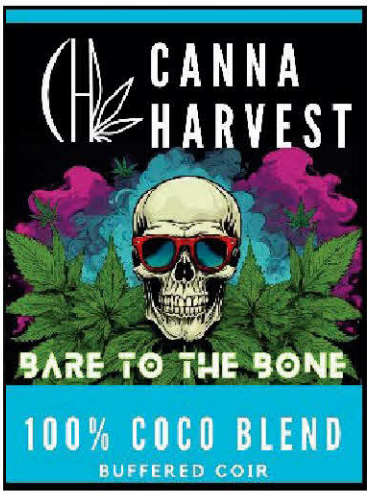
The game changer of potting soils! This completely inert blend combines co-conut coir and perlite at the most righteous of ratios.

Performs equally well with most types of hydroponic techniques such as hand water-ing, drain to waste, recirculating, and slow drip systems. Begin feeding immediately as desired. This soiless medium allows for fast surface penetration and drainage, allowing for heavy feeds more often.

For optimal results: test and balance liquid feeds and water to between 5.8 to 6.8 ph.

Code	Size	Pack	Pallet
PH65352	2 cu.ft.	1	55

100% Coco Blend



PHCOCO2 .....2CF.....55 PAL

2 YD TOTES AVAILABLE UPON REQUEST

Premium blend all-natural plant food and soil conditioner

Guaranteed Analysis

Nitrogen	2%
Available Phosphoric Acid	1%
Soluble Potash	1%
Calcium	4.8%
Magnesium	.8%
Sulfur	1.7%
Iron	1.2%

plus protein, vitamins, minerals, amino acids, and trace elements

Contains; Cotton seed meal, alfalfa meal, kelp meal, greensand, rock dust, and soft rock phosphate.

Application

1 to 4 pounds per 100 sq. ft. depending upon condition of soil and plants.

Code	Size	Pack	Pallet
YUYUMI4.5lbz	4.5lbz.	5 cs	
YUYUMI25	25 lb.	1	880
YUYUMI55	5 5lb.	6 cs	54 cs

Soil Mender Organic Fertilizer

Alfalfa Meal - A good source of vitamins, minerals, and 16 amino acids.

Code	Size	Pallet
SMALME5	5/5 lb.	

BACK TO EARTH Organic Fertilizer

Cotton Seed Meal - Free of chemical residue. An excellent source of nitrogen with an acid pH.

Code	Size	Pallet
SMCOME5	8/5 lb.	
SMCNNO40	40 lb.	50

Humate - Releases nutrients from soil, improves soil structure and aides in the moisture holding process, promotes decomposiition of thatch.

Code	Size	Pallet
SMHUMA5	8/5 lb	
SMHUMA40	40 lb.	50

Greensand - Source of Iron, Potassium, Phosphrus, and 30 trace elements. From coast of Texas.

Code	Size	Pallet
SMGREE5	12/5 lb..	
SMGREE40	40 lb.	50

Kelp Meal - Source of vitamins, minerals, and 17 amino acids. From the coasts of Canada.

Code	Size	Pallet
SMKEME5	8/5lb.	
SMKEME40	40 lb.	50

Soft Rock Phosphate With Colloidal Clay - Good source of Phosphorous, Calcium, and Trace Elements.

Code	Size	Pallet
SMROPH5	12/5 lb.	
SMROPH40	40 lb.	50

Rock Dust - Planters II

Code	Size	Pallet
SMPLAN5	12/5 lb.	
SMPLAN40	40 lb.	50

Wormcastings - This superior casting is from worms feeding on five manures, peanut hulls, oak leaves, molasses, humate, and more.

Code	Size	Pallet
SMWOCA5	8/5 lb	
SMWORM25	25 lb	80
SMWORM40	40 lb	50

Diatomaceous Earth

Nontoxic crawling insect control. Make a light dusting where control is needed, or mix with two tablespoons per gallon of water. Will not harm birds or earthworms.

Code	Size	Pack	Pallet
SMDIEA1.5	1.5 lb	4	
SMDIEA5	5 lb.	5	
SMDIEA10	10 lb.	1	100
SMDIEA25	25 lb	1	80
SMDIEA50	50 lb	1	36

Earth Safe Organic Fertilizer

Want to See More Carl Pool & Earth Safe Products
http://www.vitalearth.com/

Rock Phosphate 0-3-0

This natural form of phosphorus also supplies calcium and a small amount of trace elements.

Code	Size	Pack	Pallet	Weight
ESROPH5	5 lb.	6	N/A	32
ESROPH20	20 lb.	1	100	20.5
ESROPH40	40 lb.	1	50	40.5

Feather Meal 12-0-0

A high nitrogen source, steamed and powdered; slow release for healthy plants. Ideal fertilizer for organic growing.

Code	Size	Pack	Pallet	Weight
ESFEME40	40 lb.	1	50	40

Dolomite 20% Ca. 10% Mg.

Use in potting mixes to raise ph.

Code	Size	Pack	Pallet	Weight
ESDOLI20	20 lb.	1	100	20.5

Greensand 0-1-5 + Trace Elements

Use to condition lawn and garden soils.

Code	Size	Pack	Pallet	Weight
ESGRSA4	4 lb.	6	N/A	26
ESGRSA15	15 lb.	1	100	15.1
ESGRSA40	40 lb.	1	50	40.1

Bat Guano 10-3-1

Bat guano also has high humus content making it an excellent soil builder.

Code	Size	Pack	Pallet	Weight
ESBAGU2	2 lb.	6		
ESBAGU10	10 lb.	1	n/a	11
ESBAGU25	25 lb.	1	80	26

Bone Meal

A superior source of nitrogen and phosphorous that buids strudy roots and beautiful blooms. Works exceptionally well with all types of bulbs, can be used anytime as a supplement to regular feeding programs.

Code	Size	Pack	Pallet	Weight
ESBOME20	20 lb.	1	100	20.1
ESBOME50	50 lb.	1	40	50.5

Sul-Po-Mag

A natural source of potash, sulfur, and magnesium. Sul-Po-Mag also helps release micronutrients due to high soil ph.

Code	Size	Pack	Pallet	Weight
ESSUPO20	20 lb.	1	100	21

Blood Meal 12-0-2

Slow release, low salt source of nitrogen. Pansies respond especially well to blood meal.

Code	Size	Pack	Pallet	Weight
ESBLME20	20 lb.	1	100	20.5
ESBLME40	40 lb.	1	50	40

Neptunes Harvest Liquid Ferlizers

Hydrolyzed Fish 2 - 4 - 1

Neptune's Harvest Fish Fertilizer is OMRI Listed for organic use.

We recommend Neptune's Harvest Fish Fertilizer for all your outdoor and indoor growing needs!

Perfect for: Vegetables, Flowers, Fruit, Trees, Grass, and Containers

Fish and Seaweed Fertilizer 2 – 3 – 1

Growers using our Fish/Seaweed Blend Fertilizer on a regular basis have reported increased marketable yields and improved shelf life on fruits and vegetables. Fish and Seaweed are known to build the natural sugar in plants. Flowers and foliage will be stronger and more colorful. Blooms will be more plentiful, fragrant and longer lasting.

Seaweed Plant Food 0 – 0 – 1

Neptune's Harvest Seaweed Plant Food is made from Ascophyllum Nodosum that grows along the cold North Atlantic Ocean Floor. We recommend use as an addition to a regular program of Neptune's Harvest Fish Fertilizer.

Use Neptune's Harvest Liquid Seaweed Plant Food on all your plants in alternate feedings. OMRI listed.

Tomato & Veg Formula 2 - 4 - 2

This is a perfect complete fertilizer for your tomatoes, vegetables and more. Made from fresh fish, seaweed, molasses, yucca extract and humic acids, this formula was uniquely designed for plants with intense growth or "vegging" stages.

www.GreenhouseAndGarden.com

Carl Pool®

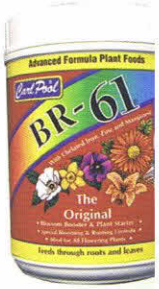
Fertilizers

BR61 (9-58-8)

Fe . 12% Mn. .05% Zn. .05%

The original blossom booster for all flowering plants. Use from transplanting through the growing season.

Rate:1 tablespoon per gallon, see label.



Code	Size	Pack
CPBR618	8 oz.	12
CPBR611.5	1.5 lb.	12
CPBR613	3 lb.	6
CPBR615	5 lb.	6
CPBR6125	25 lb.	1

Water Soluble Rose Food (10-50-10)

Cu.....05% Fe.....18% Mg..... .5%
Mn.....5% Zn.....11%

This is a superior acid forming formula used and recommended by Rosarians.Instant Rose Food promotes lush foliage, long sturdy stems, and large colorful blooms.

Rate:1 tablespoon per gallon, see label.

Code	Size	Pack
CPROFO1.5	1.5 lb.	12
CPROFO3	3 lb.	6

Magic Green (6-40-50)

Cu. .12% Fe. 2.1% Mg. .5%
Mn..... .12% Mo.....0005% Zn..... .35%

Use this formula to correct trace deficiencies, particularly iron chlorosis (exhibited by yellowing foliage) in lawns, shrubs, blooming and fruiting plants.

Code	Size	Pack	Weight
CPMAGR1.5	1.5 lb.	12	19

Zinc Chelate (15%)

A fast acting form of Zinc. For control of Rosette on pecan trees.
Rate: Drench- 1 pound per 40 gallons of water
Foliar Spray- 1 to 1.5 pounds per 100 gallons of water.

Code	Size	Pack	Weight
CPZICH1	1 lb.	12	13

G & G

16-8-8

Granular Fertilizer

Guaranteed Analysis	
Total Nitrogen (N)	16.00%
3.50% Ammoniacal Nitrogen	
12.50% Urea Nitrogen	
Available Phosphate (P_2O_5)	8.00%
Soluble Potash (K_2O)	8.00%
Calcium (Ca)	3.00%
Magnesium (Mg)	2.00%
Sulfur (S)	8.00%

Derived from: Ammonium Sulfate, Dolomite, Potassium Magnesium Sulfate, Potassium Sulfate, Triple Super Phosphate, Urea

Application: 7 pounds per 1000 square feet. Repeat every 6-8 weeks during the growing season. Bag covers 7140 square feet.

Control Release Fertilizer (13-13-13)

3 to 4 month formulation for use on all plants ensures a steady source of plant food.

Code	Size	Pack	Weight
CPCORE2	2 lb.	12	25
CP13131340	40 lb.	1	41

Iron Chelate (10%)

A superior form of iron that stays available to the plant, even under high ph situations. Apply as a foliar spray for fast absorption, or as a soil drench. Best when ph is 6.0 to 7.5.

Rate: 1.5 to 2 teaspoons per gallon, see label.

Code	Size	Pack	Weight
CPIRCH1	1 lb.	12	13

Tomato and Vegetable Food 14-28-14

Promotes larger yields of quality fruits and veggies. Fortified with micro-nutrients.

Code	Size	Pack	Weight
CPTOVE1.5	1.5 lb	12	26

Housplant Food 24-8-16

Ideal for use on many houseplants. Feeds through the roots and the leaves. Fortified with a micro-nutrient package.

Code	Size	Pack	Weight
CPHOFO8	8 oz.	12	26
CPHOFO1.5	24 oz.	12	32

Organic Root Activator

100% natural product which safely promotes regeneration of roots,stimulates fast root growth, speeds establishment and reduces transplant shock..

Code	Size	Pack
CPORROQ	32 oz.	12
CPORROG	1 gal.	4

Vitazyme

All natural bio-stimulant for soil organisms and plants activators. Contains vitamins, enzymes, and powerful but gentle growth stimulants such as B-vitamins, triacontanol, and others. Also available in gallons and other sizes.

Code	Size	Pack
CPVITAQ	32 oz.	12
CPVITAG	1 gal.	4

Superthrive

Not a Fertilizer

Add to any fertilizer

Code	Size	Pack
VISUPE4	4 oz.	12
VISUPEP	Pt	12
VISUPEQ	Qt.	12
VISUPEG	Gal.	4

Jacks' Water Soluble Fertilizer

from
J.R. Peters

Acid Special 21-7-7 + Micronutrients

High acid forming for our southwest soils.
Rate: 1 teaspoon per gallon

Code	Size	Pack	Weight
JACAS8	8 oz.	12	7

African Violet 12-36-14 + Micronutrients

Specially blended to promote and support blooms.
Rate: 1 teaspoon per gallon

Code	Size	Pack	Weight
JACAV8	8 oz.	12	7

Blossom Booster 10-30-20 + Micronutrients

Use on all flowering plants.
Rate: Outdoor - 1 tablespoon per gallon
Indoor - 1 teaspoon per gallon

Code	Size	Pack	Weight
JACBB8	8 oz.	12	7

All Purpose 20-20-20 + Micronutrients

Ideal for Annuals, Perennials, Vegetables, Shrubs, Trees, Lawns, Indoor plants and more
Rate:Outdoor - 1 tablespoon per gallon
Indoor - 1 teaspoon per gallon

Code	Size	Pack	Weight
JACGP8	8 oz.	12	7
JACGP1.5	1.5 lb.	12	18.5
JACGP4	4 lb.	9	37

House Plant 15-30-15 + Micronutrients

Use on all houseplants including blooming houseplants
Rate:1 teaspoon per gallon

Code	Size	Pack	Weight
JACHP8	8 oz.	12	7

Orchid Special 30-10-10 + Micronutrients

Specially blended for Orchid's special needs.
Rate:1 teaspoon per gallon

Code	Size	Pack	Weight
JACOS8	8 oz.	12	7

Jacks' Water Soluble Fertilizer

Liquid Orchid 7-5-6 + Micronutrients

State of the art nutrition for orchids, contains major, secondary and trace elements in a completely soluble solution.
Rate: 1 capful per gallon.

Code	Size	Pack	Weight
JAORLI8	8 oz.	12	7

5-12-26 Part A

5-12-26 + 15-0-0
PART A PART B

Cal Nit Part B

For more Pro Products see page 69!

Alaska Organic Fertilizer

Alaska® FERTILIZER PRODUCTS

Made from FISH
ORIGINAL
New World fertilizer

Fish Fertilizer 5-1-1 100% Natural Organic

Contains major nutrients, and 19 trace elements including iron and zinc, and 11 vitamins.
Rate: 3 tablespoons for most plants, see label for specific applications.

Code	Size	Pack	Pallet	Weight
ALFIFEP	Pt.	12	N/A	21
ALFIFEQ	Qt.	12	N/A	35
ALFIFEG	Gal.	4	N/A	44

MorBloom 0-10-10

Use to stimulate budding and blooming. MorBloom also enhaces the flavor of fruits and vegetables, and promotes root development.
MorBloom is made from ores mined from the earth along with a small amount of fish fertilizer added.
Rate: .75 to 1 tablespoon per gallon, see label.

Code	Size	Pack	Pallet	Weight
ALMOBLQ	Qt.	12	N/A	35
ALMOBLG	Gal.	4	N/A	44

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GRO POWER®

GRO POWER LIQUID 4-8-2

Liquid formula for use in containers and the garden. Apply with watering can, hose-end sparayers and fertilizer injection systems.

2% Humic Acids

Sizes Available:

- 1 Quart Bottle
- 1 Gallon Bottle

GRO POWER REGULAR 5-3-1

Use for soil preparation before planting and use for feeding throughout the growing season. It is an all purpose and can be used on lawns, vegetables, flowers, shrubs, and trees.

70% Humus, 15% Humic Acids and Micros

Sizes available: 8.8 lb
20 lb
40 lb

GRO POWER PLUS 5-3-1

This is the same as the Regular but with a commercial grade Soil Penetrant added. Excellent for soils that are heavy in clay, heavily compacted or have high salt content.

70% Humus, 15% Humic Acids and Micros & Soil Penetrant

Sizes available: 8.8 lb
20 lb
40 lb

Premium Green Iron 40%

A high analysis non-staining iron with micronutrients.

100% all natural, Slow-release, Fast dissolving.

1% Manganese, 1% Zinc, 6% Sulfur
1% Magnesium, 2% Humic Acids

Sizes Available: **50 lb**
10 lb pail

GRO POWER FLOWER'N'BLOOM 3-12-12

Low in Nitrogen, high in Phosphorus and Potash. Aids in developing vigourous root systems and more flowers and fruit. Also excellent as a preplant fertilizer for seed or sod.

35% Humus, 7% Humic Acids and Micros

Sizes available: 8.8 lb
20 lb

Tomato'n'Vegetable 8-10-4

Complete Fertilizer for all vegetables fruits, and herbs. Contains calcium to help prevent blossom end rot on tomatoes.

35% Humus, 8% Humic Acids,
3.5% Calcium and micronutrients

Available in 20 lb bags

GRO POWER HI-NITROGEN 14-4-9

The "ultimate hybrid" lawn fertilizer designed to feed your lawn and condition the soil Also works great for general feeding of trees, shrubs, and ground cover.

30% Humus, 6% Humic Acids

Sizes available: 17 lb
40 lb

Winterizer 2-10-10

Low Nitrogen, high Phosphorus and Potash, plus micronutrients to be used as last feeding in fall, especially for areas where winters are harsh. Will aid in helping perennials, shrubs, trees, and lawns withstand the cold winters and respond vigorously in spring.

40% Humus, 8% Humics Acids and micronutrients

Available in 20 lb bags

Bulk Tree Stakes

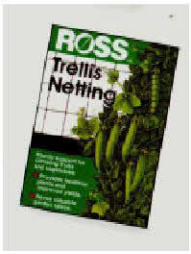
Evergreen
10-10-10 with micro-nutrients

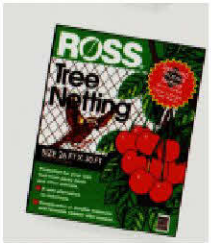
Fruit Tree
8-16-16 with micronutrients

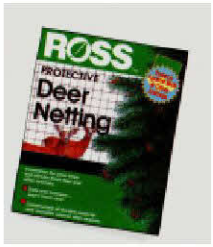
Tree and Shrub
16-10-9 with micronutrients

Code	Size	Pack
RSEVSTB	Bulk	160
RSFRSTB	Bulk	160
RSTRSTB	Bulk	160

Netting







Code	Description	Size	Pack
RSGANE1445	Garden Net	14'x45'	9
RSGANE712	Garden Net	7'x12'	12
RSDENE7100	Deer Net	7'x100'	6
RSTENE612	Trellis Net	6'x12'	6
RSTENE618	Trellis Net	6'x18'	12
RSTENE68	Trellis Net	6'x8'	24
RSTRNE1414	Tree Net	14'x14'	12
RSTRNE2630	Tree Net	26'x30'	6

Root Feeder

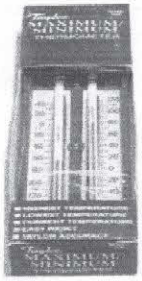
Number One Root Feeder In America

102
Popular priced root feeder
1200
The premimum root feeder

Code	Size	Pack
RSROFE102	N/A	6
RSROFE1200	N/A	6

Thermometers / Meters

Thermometers



Maximum / Minimum - Indoor and outdoor thermometer. Reads highest and lowest temperatures.
Digital, will record high / low temperatures.
Wall thermometer - Indoor and outdoor use.
Large easy to read face.
Soil Test Thermometer - 4" probe with large dial face.

Code	Type
TAMAMID	Max/Min
TASOTH	Soil Thermometer
TAWATH	Wall Thermometer

Moisture Meters

Root level moisture results in seconds
No batteries needed
3-In-One
Soil pH analysis, Light Meter, Moisture Meter.

Code	Type	Pack	Weight
BO9628	Moisture	6	2
BO9629	pH	6	2

ROSS Root Feeder® & Refills Jobe's

Ross Root Feeder Refills come in many compositions - use with the Number One Root Feeder in America!

Code	Description	Size	Pack
RSBETRR12	Beautiful Tree	12 Pk	12
RSBETRR54	Beautiful Tree	54 Pk	6
RSEVACR54	E/Green, Acid	54 Pk	6
RSFRNU12	Fruit & Nut	12 Pk	12
RSFRNU54	Fruit & Nut	54 Pk	6
RSGRRE12	Green Agin	12 Pk	12
RSGRRE54	Green Agin	54 Pk.	6
RSROFL54	Rose & Flower	54 Pk	6

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DYNA GRO GROW

7-9-5 is an all-purpose complete nutrition formula containing all 6 essential macronutrients and all 10 essential micronutrients that every plant needs. It is used to promote both foliage and bloom growth.

DYNA GRO DYNA FLUSH

It's a concentrated organic acid complex, that acts as a metabolite to clear out excess mineral compounds stored within the plant s root zone. This will force your plants to trans-locate remaining nutrients found within the plant to where they can be used up.

DYNA GRO FOLIAGE-PRO

Foliage-Pro 9-3-6 Dyna-Gro has obtained tissue analyses of dozens of Cannabis indica hybrids. These data have been used to create the most effective, complete, and balanced cannabis nutrient on the market.

SIZES

BONSAI, FLUSH, AND ORCHID PRO....8oz

NEEM, BLOOM, GROW, FOLIAGE PRO...8oz
Qt
1,5 Gal

PH UP & DOWN...8oz, Qt

DYNA GRO BLOOM

3-12-6 is a low nitrogen, high phosphorus formula containing all 6 essential macronutrients and all 10 essential micronutrients. It is ideal for tomatoes, all fruits, all vegetables, herbs, flowering plants and cannabis.

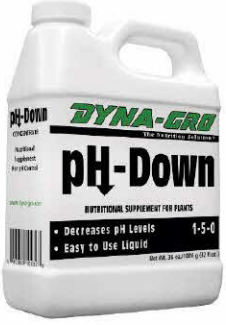
DYNA GRO BONSAI-PRO

7-9-5: Bonsai trees, like all other plants, require N-P-K plus all the other macro and micro nutritional elements to survive. While normal trees are able to broaden their root systems, bonsai are planted in small pots and benefit from frequent, weekly applications of Bonsai-Pro

DYNA GRO ORCHID PRO

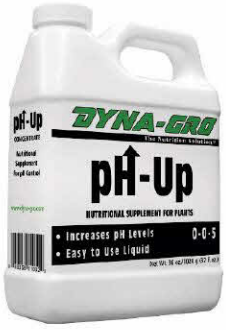
Orchid Pro™ 7-8-6 is a well-balanced, professional formulation containing all essential macro and micro nutrients for use on all types of orchids. It provides the right balance of nutrients for healthy growth and flowering. Urea free, Orchid Pro™ may be used for orchid growth in both indoor and outdoor settings as well as with direct or indirect lighting.

DYNA GRO PH UP & DOWN



pH-Down 1-5-0 is a Dyna-Gro product used to lower the pH of water.

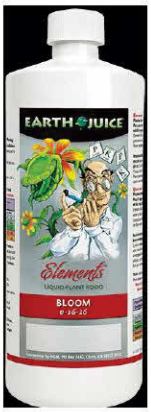
pH-Up 0-0-8 is a Dyna-Gro product used to raise the pH of water



NEEM OIL

Neem Oil leaf polish should be applied early or late in the day as hot sunlight may cause leaf burn.
Neem Oil may be applied as a foliar spray.
A mild dish washing liquid soap or other surfactants should be used to emulsify Neem Oil so it can be sprayed on plants.

EARTH JUICE


EARTH JUICE
Elements
BLOOM

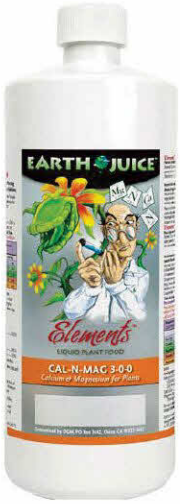
EARTH JUICE
Elements
GROW

EARTH JUICE
GROW

EARTH JUICE
Rainbow Mix Pro
Hawaiian Blend
BLOOM

EARTH JUICE
Rainbow Mix Pro
GROW

EARTH JUICE
MICROBLAST


EARTH JUICE
Elements
CAL-N-MAG 3-0-0

ferti·lome — Not Sold By Mass Merchants . . .

African Violet & Blooming Plant Food 8-10-8

Use to feed all African Violets and other flowering plants. May be used every time you water or once or twice pet month. If applied twice per month use 1/4 tsp per quart of water. If applying every time you water use 1/8 tsp per quart.

Code	Size	Pack
FLAFVI8Z	8 OZ	12

All Purpose Houseplant Food 10-10-10

Use to feed all potted plants, indoors, and outdoors, including houseplants. May be used every time you water or once or twice per month. If applying once or twice a month use 1/4 tsp per quart of water. If applying every time use 1/8 tsp per quart of water.

Code	Size	Pack
FLAPHP8Z	8 oz	12

Hi-Yield — Not Sold By Mass Merchants . . .

38 Plus Turf, Termite & Ornamental Insect Control

38% Permethrin. Controls and kills many home invading, lawn, shrub invading, and post or fence insects; termites, borers, ants, mosquitos, etc. Refer to label for application rates.

Code	Size	Pack
HY38PL8	8 oz	12
HY38PLP	16 oz	12
HY38PLQ	32 oz	12
HY38PLG	1 gal	4

Grub Free Zone

.5% Imidacloprid. Controls many insects. Apply where roots can absorb easiest. After applying irrigate moderately at least 3 times or 10 days whichever is longer.

Code	Size	Pack
HYGRFR10	10 lb.	1

Click the Link Below to See all the Products
http://www.fertilome.com/

Hi-Yield

Super Concentrate KILLZALL II

41% Glyphosate. Non-selective, post-emergent, systemic grass and weed herbicide with no soil residual activity.
Apply at rate of 1 1/3-2 2/3's oz per gallon water

Code	Size	Pack
HYSUKIP	16 oz.	12
HYSUKI24	24 oz.	12
HYSUKIQ	32 oz.	12
HYSUKIG	1 gal.	4
HYSUKI2.5	2.5 gal.	2

Triple Super Phosphate

0-45-0. Excellent for root growth and strength. Promotes blooming and flowering.
Broadcast - 2lbs per 100 sq ft.
Trees - 2lbs per inch of trunk diameter

Code	Size	Pack
HYTRSU4	4 lb.	12

Weed & Feed

15-0-10 with Trimec. Post-emergent broadleaf weed killer with lawn fertilizaer. Lawn should be moist before applying and watered in 24 hours after application. Controls many weeds.
18lb bag covers 5,000 sq ft.

Code	Size	Pack
HYWEFE5K	18 lb.	1

Iron Plus Soil Acidifier

Nitrogen, Sulfur and Iron. Will turn yellow plants and grasses green. Water in well. Refer to label for application directions.

Code	Size	Pack
HYIRPL4	4 lb.	12
HYIRPL25	25 lb.	1

Fast Acting Gypsum

Hi-Yield Fast Acting Gypsum starts to work immediately to help loosen compacted soil, including heavy clay soil and repairs salt damaged soil. Apply any time of of year, but spring and fall are best and works especially well on salt damage after winter.

Code	Size	Pack
HYFAAG4	4lb	12
HYFFAG25	25lb	1

Prices subject to change without notice.

ferti·lome

Not Sold By Mass Merchants!

See all the products - click below
http://www.fertilome.com/

Triple Action Plus II

Fast action control. It is an "exciter" that will eradicate insects from hiding spots and right into the spray zone. Effective on many insects. Acts as a multipurpose preventive and contact fungicide as well. Neem/Pyrethrin Apply up to day of harvest, apply every 2 weeks.

Code	Size	Pack
FLTRAC8	8 oz	12
FLTRACP	16 oz	12
FLTRAC24	24 oz	12
FLTRACQ	32 oz	12

Tree & Shrub Systemic Insect Drench

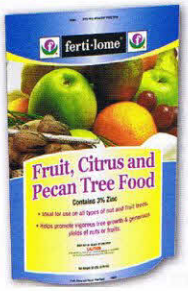
Imidacloprid. Multipurpose insecticide that dissolves in water and is absorbed up through the tree or shrub roots. Provides up to a year of protection. See bottle or website for application rates.

Code	Size	Pack
FLSYDRP	16 oz	12
FLSYDRQ	32 oz	12
FLSYDRG	128oz	4
FLSYDR2.5	2.5 gal	1or2

F-Stop

Myclobutanil, contains Eagle. Fungicide that has systemic and curative protectant. Will conrol many diseases in turf and established lawns.
8lb bag covers 2,000 sq ft.
20lb bag covers 5,000 sq ft.

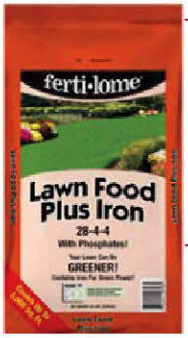
Code	Size	Pack
FLFSTO8	8 lb.	1
FLFSTO20	20 lb.	1



Fruit, Citrus & Pecan Tree Food

19-10-5 with trace elements. Contains a combination of nutrients that aid in growth and productivity. Contains Zinc to control Rosette in pecan trees. Use on all types of trees. Feed twice a year at recommended rates.

Code	Size	Pack
FLPEFR4	4 lb.	12
FLPEFR20	20 lb.	1



Lawn Food Plus Iron

24-0-4 with trace elements. Good on many lawns, contains chelated iron for fast impact and long lasting greening. Contains two types of nitrogen (quick absorbtion and long term as well).
20lb bag covers 5,000 sq ft.
40lb bag covers 10,000 sq ft.

Code	Size	Pack
FLLAIR5K	20 lb.	1
FLLAIR10K	40 lb.	1

South-West Green Maker

18-0-6 with trace elements plus 5% Iron and 10% Sulfur. Formulated for alkaline soils, quick absorbtion along with greening properties. Apply every 4-6 weeks during season.
Warm Season Grasses bag covers 7,200 sq ft.
Cool Season Grasses bag covers 10,800 sq. ft.

Code	Size	Pack
FLGRMA30	30 lb.	1

Tree and Shrub Food

19-8-10 with trace elements. Great for all types of trees and shrubs. Feed twice a year.
Shrubs: 1/2 cup per square yard of soil
20 lbs will feed up to 10 4" diameter trees.

Code	Size	Pack
FLTRSH4	4 lb.	12
FLTRSH20	40 lb.	1

Weed-Out Plus Lawn Fertilizer

25-0-4 with trace elements plus Trimec. Post-emergent broadleaf weed control. Use on warm and cool season grasses. Kills over 200 types of weeds - refer to label. Wet lawn before applying, do not water 24 hrs after.
20 lb bag covers 5,000 sq ft.
40 lb bag covers 10,000 sq ft.

Code	Size	Pack
FLWEOU5K	20 lb.	1
FLWEOU10K	40 lb.	1

Root Stimulator & Plant Starter

4-10-3. Use when you plant tree, shrubs, roses, annuals, and perennials for strong and stimulated root development. Reduces transplant shock and promotes greener plants. Contains Indole Butryic Acid and a wetting agent. Refer to label for application rates.

Code	Size	Pack
FLROSTP	16 oz	12
FLROSTQ	32 oz	12
FLROSTG	1gal	4
FLROST2.5G	2.5 gal	2

Brush Killer Stump Killer

Triclopyr. Controls woody plants, vines, poison ivy and broadleaf weeds around non-cropped areas.
Foliage spray - 8-16 tbsps/gal water = 500sq ft.
Stump killer - apply undiluted w/ paintbrush

Code	Size	Pack
FLBRSTP	16 oz	12
FLBRSTQ	32 oz	12

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Monterey

Herbicides

Vegetable & Ornamental Weeder

A preemergence herbicide for the control of annual grasses and broadleaf weeds in ornamental trees, ornamental woody shrubs, ornamental groundcovers, roses, established flowers and vegetable gardens.

Code	Size
MCVEORP	Pt
MCVEORQ	Qt

Remuda (41% glyphosate)

A non-selective herbicide for use in unplanted areas, around trees, flowerbeds, shrubs, etc.No residual control so the area may be replanted. A surfactant is included in this formula. Compare to Round Up.

Code	Size
MCREMUG	gal.
MCREMUQ	qt.
MCREMUP	pt.

PENDulum Herbicide AquaCap™

Weeds and Grasses Controlled

Pendulum AquaCap offers control of 21 of the most common unwanted grasses and 25 of the most troublesome broadleaf weeds, including:

- Annual Bluegrass
- Barnyardgrass
- Chickweed Species
- Crabgrass
- Foxtail Species
- Goosegrass
- Henbit
- Purslane
- Shepherdspurse
- Signalgrass
- Spurge Species
- Yellow Woodsorrel

Code	Size	Pack
MCPENDG	Gal.	Ea.

Call ahead special order

Weed Whacker (2,4-D,2,4-DP/MCPP)

Concentrated 3-way herbicide for use on both cool and warm season turf, and non-crop areas. Controls many broadleaf weeds. One pint covers 10,000 sq. ft.

Code	Size	Pack
MCWEWHG	gal	1
MCWEWHQ	qt	1

Insecticides

Once a Year

A fast-acting weed, alge, killer will not stain bricks, concrete, or asphalt. Can be used around trees and shrubs.

Code	Size
MCONYEG	1 Gal.
MCONYEQ	1 Qt.
MCONYEP	1 Pt.

All Natural Mite & Insect Control RTU

Made from 100% natural materials. Controls mites & insects on vegetables and all greenery, meets NOP standards for organic disease control.

Code	Size
MCMIINQRTU	QRTU oz.

Neem Oil

Is a broad spectrum insecticide, miticide and fungicide that controls lots of diseases as well as insects and mites. Use on vegetables, fruit trees, ornamentals, etc. Neem is organic,

Code	Size
MCNEOIP	pt.
MCNEOIQRTU	qt.

Garden Insect Spray

A bacterial product produced by fermentation. Can be used on outdoor ornamentals, lawns, vegetables, fruit trees, etc. Controls caterpillars, leafminers, codling moth, tent catepillars, gypsy moth, thrips, borers and more. Will also control fire ants in lawns and other outdoor areas. This product acts very fast and is odorless. A substitute for B.t.

Code	Size	Pack
MCINSPP	16 oz.	1
MCINSPQ	32 oz.	1
MCINSPG	128 oz.	1

Take Down Garden Spray (Natural Pyrethrin and Canola Oil)

Use on vegetables, fruit trees, and ornamental plantings.Controls many pests including mealy bugs.

Code	Size
MCTADO22	22.....Ready To Use
MCTADOP	pt .....Concentrate

Horticultural Oil

Insecticidal oil for use on vegetables and ornamentals.

May be used as a dormant oil and in the growing season, no temperature restriction.

Code	Size
MCHOOIG	Gal.
MCHOOIQ	Qt.

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Monterey Chemical

Molluscicides

Sluggo (Iron Phosphate) _____
The only snail/slug control not based on Metaldehyde.
Organic- Breaks down into fertilizer
May be used around pets and children.
Labeled for use in vegetable gardens.

Code	Size	Pack
MCSLUG1	1 lb.	Ea.
MCSLUG2.5	2.5 lb.	Ea.
MCSLUG10	10 lb.	Ea.

Sluggo Plus
Contains iron phosphate and spinosad. This product will eliminate slugs, snails, earwigs, sow bugs, pill buhs and cut worms. Safe to use on fruits and vegetables as well. 1/2lb - 1lb per 1,000 sq ft.

Code	Size	Pack
MCSLPL1	1 lb.	Ea.
MCSLPL2.5	2.5 lb.	Ea.

AVAILABLE IN 5 & 10 LB ALSO

Meets National Organic Program (NOP) standards for Organic Gardening.

Growth Regulators

Florel (Ethephon) _____
Prevents fruit formation on Apple, Crabapple, Elm, Maple, Oak, Sycamore, and many others.One application in the Spring during full bloom. Also controls mistletoe!

Code	Size	Pack
MCFLORP	Pt	Ea
MCFLORQ	Qt	Ea
MCFLORG	Gal.	Ea

Sucker-Stopper RTU (NAA) ___
This ready to use formuls stops suckers from roots and pruning wounds for up to 5 months.

Code	Size	Pack
MCSUSTP	Pt RTU	Ea

Rodenticides

Go-Die (Zinc Phosphide)
Only one feeding required for control. Formulated on grain. place only in gopher tunnels.

Code	Size	Pack
MCGODI1	1 lb.	Ea.

Dangerous to pets!!

Iron Products

Sequestar Iron 6%
(Fe EDDHA chelated iron)
Water-soluble, corrects iron deficiency fast and has lasting results. Perfect for alkaline soils.

Code	Size	Pack
MCSEIR4Z	4 oz.	Ea.
MCSEIR4	4 lb.	Ea.

Dr. Iron
22% Iron & 55% Sulfur. Will correct iron deficiencies that cause yellowing to foliage. Will reduce ph and does not stain. 3.5lbs will cover 1,000 sq. ft.

Code	Size	Pack
MCDRIR7	7 lb.	Ea.

Click Me to Visit the Website
http://www.montereylawngarden.com/

Mark-It-Blue _____
Spray solution blue colorant indicates where you have sprayed. Washes off without staining, is non-toxic and dissipates with sunlight.

Code	Size	Pack
MCMABL8	8 oz.	Ea

Bonide

CLICK THE LINK TO SEE ALL THE PRODUCTS
http://www.bonide.com/

Total Vegetation Killer
Soil sterilant, non-selective weed killer. Will prevent new growth for up to 1 year. 2.2% Pramitol. One gallon will treat 500 sq. ft.

Code	Size	Pack
BNTOVEQ	1 Qt.	12
BNTOVEG	1 Gal.	4

.

Captain Jacks Deadbug Brew
Contains Spinosad, broad insect killer, thrips, caterpillars, spider mites, leaf miners, gypsy moths, codling moth, beetles, borers and more.

Code	Size	Pack
BNDEBUP	Pt.	12
BNDEBUQ	Qt.	12

Fruit Tree Spray
Liquid spray for fruit trees. 12% Captan, 6% Malathion, .3% Carbaryl, and a spreader sticker.

Code	Size	Pack
BNFRTR8	8 oz.	12
BNFRTRP	Pt.	12
BNFRTRQ	Qt.	12

Eight Vegetable, Fruit & Flower Ready to Use
Permerthrin .02%. Controls over 100 insect pests on all indoor/outdoor plants, shrubs, flowers, trees, lawns, ornamentals, houseplants, etc.

Code	Size	Pack
BNEIGAQRTU	32 oz.	12

Pyrethrin Garden Insect Spray
Natural Pyrethrin in a concentrated formula for economical, natural, and broad spectrum garden insect spray.

Code	Size	Pack
BNPYGA8	8 oz.	12
BNPYGAP	Pt.	12

More Bonide Products

Systemic Granules
Systemic granules kill insects such as aphids, whiteflies, miners, scales. Ready to Use granules lasts up to 8 weeks.

Code	Size	Pack
BNSYGR1	1 1b.	12
BNSYGR8	8 oz.	12

Mite X - Ready to Use
Broad spectrum, indoor/outdoor mite control. Made from botanical extracts. Effective on aphids and thrips.

Code	Size	Pack
BNMITXQRTU	32 oz	12

Hot Pepper Wax Insect Control & Animal Repellent
Ready to Use sprays. Will control or repel for up to 30 days. Made from hot cayenne peppers.

Code	Size	Pack
BNHOPEQRTU	32 oz.	12
BNANREQRTU	32 oz.	12

Copper Fungicide
Bonide's patented, copper formulations protect a wide range of plants from lawns to fruits from a bunch of diseases. Effective on Blight. Organic product containing 7% copper sulfate - copper octanoate.

Code	Size	Pack
BNCOFUQRTU	32 oz.	12
BNCOFU1	1 LB.	12

Tomato - Blossom Set Spray
Sets blossoms on fruit no matter the weather. Will produce better fruit, will ripen up to 3 weeks earlier. May use on other vegetables listed. Contains Kinetin - a plant hormone.

Code	Size	Pack
BNTOSE8	8 oz.	12
BNTOSEQ	Qt.	12

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Animal Repellent

Sizes range from Qt all the way to 55 gal drums on certain items. They all come with an RTU option.

BBDEER32RTU	Bobbex Deer RTU 32 oz
BBDEER32	Bobbex Deer Conc. 32 oz
BBDEER64	Bobbex Deer Conc. 64 oz.
BBDEER48RTU	Bobbex Deer RTU Pump 48 oz.
BBDEERGRTUR	Bobbex Deer RTU Gallon Refill
BBDEER64WC	Bobbex Deer 64oz winter conc
BBRAN32RTU	Bobbex-R Animal RTU 32 oz
BBRAN32	Bobbex-R Animal Conc. 32 oz
BBRAN64	Bobbex-R Animal Conc. 64Oz
BBRAN48RTU	Bobbex-R Animal RTU 48 oz
BBRANGRTUR	Bobbex-R Animal RTU Gallon Refill

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Hand Tools

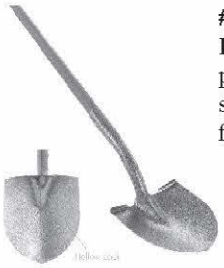
Professional grade hand tools. Many other tools from Corona available by special order.

Square Nose Shovel

#2 Square Nose Hollow Back Shovel W/Fiberglass Long Handle - 14 gauge tempered steel blade. Large forward turned steps to hold material on blade. Solid core fiberglass handle for maximum strength.

Code	Size
CR66020	#2

Round Point Shovel

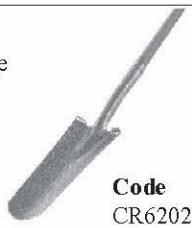


#2 Round Point Hollow Back Shovel W/ Fiberglass Long Handle - 14 gauge tempered steel blade. Large forward turned steps to hold material on blade. Solid core fiberglass handle for maximum strength.

Code	Size
CR65020	#2

Drain Spade

Drain Spade Hollow Back W/Fiberglass Handle - Tapered, slightly cupped 14 gauge steel blade. Ideal for digging deep, round bottom drains, and trenches. Sharpened blade penetrates ground, and easily cuts through small roots. Soild core fiberglass handle for maximum strength.



Code
CR62020

Landscape Rake

36" Aluminum Landscape Rake - All aluminum construction. Extra thick tines for long life. Anti-slip grip is confortable in extreme heat or cold.

Code	Size
CR61062	36"

Trowel / Transplanter

Polished aluminum, Cushion grip. Transplanter (shown) 3" wide blade, Transplanter narrower blade for flower pots

Code	Type
CR3010	Trowel
CR3020	Transplanter

Bypass Pruner

Code	Capacity
CR3160	3/4 in.
CR3180	1 in.

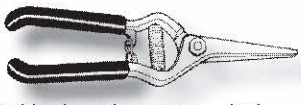
For general purpose pruning.

Bypass Pruner (Professional)

Code	Capacity
CR6250	1 in.

1" diameter capacity. Forged aluminum construction. Replaceable high carbon steel blade. Non-slip grips.

Thinning / Houseplant Shear



Code	Size
CR4350	Thinning
CR4310	Houseplant

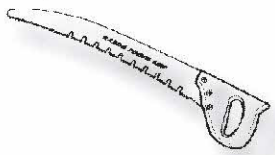
Thinning Shear- Forged Chromium blades.
Ideal for tight spots.
Houseplant Shear- Same as above, but smaller for delicate jobs.

Folding Saws

Code	Size
CR7020	14"
CR7041	7"
CR7041-1	(Blade)

7020- 14" saw with wooden handle. Use for small to medium jobs. 6 teeth per inch.
7041- 7" saw with cushioned handle. Use for small to medium jobs.

Saws



Code	Size
CR7160	21"
CR7160-4	(Handle)
CR7120	13"

7160- (shown) 21" Raker saw for large branches.
Self-cleaning teeth. Tempered steel alloy and hardwood.
7120- 13" saw for medium to large jobs. Cushioned pistol style grip. Replaceable blade.

Loppers

8040- (shown) StrataShear bypass lopper 25" length, 1 cutting capacity. Patented blade technology for reduced effort.
6490- Super-Duty Bypass Lopper
37" length, 3" cutting capacity. Tapered hickory hardened handles. Heavy duty shock-stop bumper.

Code	Size
CR8130	26"
CR6490	37"
CR6490-3	(Pivot Bolt Assy.)
CR6490-1	(Bumper)
CR6490-4	(Handle)

Square Saucers

Sizes.....8"
.....10"
12"
14"
16"

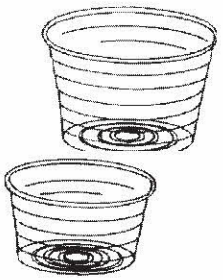
BLACKK SAUCERS
AVAILABLE NOW

Clear Saucers / Carpet Protectors

Code	Size	Pack
CWSC-400	4”	50
CWSC-500	5”	50
CWSC-600	6”	50
CWSC-700	7”	50
CWSC-800	8”	50
CWSC-900	9”	50
CWSC-1000	10”	50
CWSC-1100	11”	50
CWSC-1200	12”	25
CWSC-1400	14”	2
CWSC-1600	16”	10
CWSC-1700	17”	10
CWSC-2100	21”	5

Deep Liners

Code	Size	Pack
CWL-065	6”	25
CWDL-085	8”	25
CWDL-1000	10”	25
CWDL-1200	12”	25
CWDL-1400	14”	25

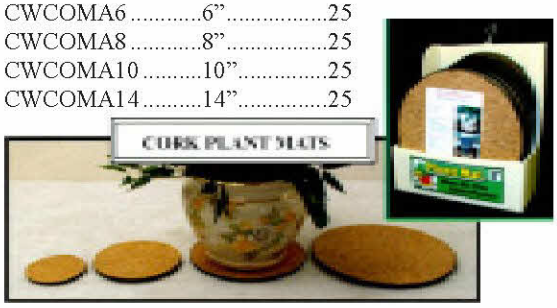


Carpet Saver

Code	Size	Pack
CWCASA6	6”	25
CWCASA8	8”	25
CWCASA10	10”	25
CWCASA12	12”	25
CWCASA14	14”	25
CWCASA14	14”	25
CWCASA16	16”	25

Cork Plant Mat

Code	Size	Pack
CWCOMA4	4”	25
CWCOMA6	6”	25
CWCOMA8	8”	25
CWCOMA10	10”	25
CWCOMA14	14”	25



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Chapin Sprayers

Backpack Sprayers

#60100 (Home & Garden)

4 gal.

Weight 9.4 lb.

Operating Pressure to 60 psi

24v Recharge-able Battery. Has a 2 hour continous spray charge which is equivalent to 58 gal per charge.

#63924 (Battery Powered)

Capacity	**4 gal.**
Operating Pressure	**to 45 psi**
Weight	**10.1 lb.**

Hose End Sprayers

Professional No Pre-Mix Sprayer

Set meter dial for required dilution. Con-centrate and water will automatically be mixed at set rate.

Code
CHPRAL16

6 Gallon Sprayer

Up to 6 gallons of finished spray.
Fixed siphoning rate of 5 oz. per gallon.

Code
CHHOSE6

Pump-Up Sprayers

Lawn & Garden Sprayer

The leader in sprayers. Ideal for any type of use. Stable, 6-footed translucent tank so its easy to check fluid levels. with medium fun-nel top. Features and anti-clog filter for a clog free steady spray.

Code	Size	Pack
CHLGSP1	1 gal	1
CHLGSP2	2 Gal	1
CHLGSP3	3 gal	1

Surespray Deluxe Sprayer

Perfect for the homeowner or the pro-fessional. Translucent poly tank with a large funnel top opening for no mess filling and anti-clog filter. Also with an on board measuring cup for accurate chemical mixing.

Code	Size	Pack
CHSUDE1	1 gal	1
CHSUDE2	2 Gal	1
CHSUDE3	3 gal	1

Hand Trigger Sprayer

Quart size, multi-purpose upside down trigger sprayers. Nozzle adjusts for fine mist to solis stream spray.

Code	Size
CHUPTRSP32	32 oz

Dusters

All Poly Duster

The best way to apply dust to treat any type of insect with any dust.

Code
HUPODU1

AKRO-MILS™
Lawn & Garden Products

Classic Pots

Timeless, classic design, a standard for formal planting. Pot has drainage holes. Saucer sold separately.
Colors- Clay
Special Order- Pepperstone and green

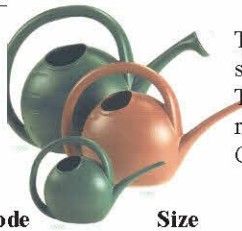
Code	Size	Pack	Weight
PT006	6”	24	7
PT406	Saucer	24	1.3
PT008	8”	24	10.5
PT408	Saucer	24	2.4
PT010	10”	12	10.4
PT410	Saucer	12	2.5
PT012	12”	12	17.1
PT412	Saucer	12	3.8
PT014	14”	12	16.6
PT414	Saucer	12	5.3
PT017	16”	12	28.3
PT417	Saucer	12	6.8
PT020	20”	6	21.5
PT420	Saucr	6	5.4
PT024	24”	6	28
PT424	Saucer	6	8.3

Terrazzo Planters

Innovative rotational moulding produces a superior looking pot that is exceptionally durable. This pot carries a 10 year warranty against cracking or breaking.
Raised punch out drain holes.
Colors- Terra Cotta
Stone on special order

Code	Size	Pack	Weight
PT93017E	17”	1	2.8
PT93020E	20”	1	5.27
PT93025E	24”	1	8.2
PT93030E	30”	1	12.9

Watering Cans



This can has the fill opening on the side for easier filling.
Two gallon can has adjustable rosette.
Colors, Clay and Green

Code	Size	Pack	Weight
PT901	1 Gal. Clay	6	6.6
PT901G	1 Gal. Green	6	6.6
PT902	2 Gal. Clay	8	7.5
PT902G	2 Gal. Green	8	7.5

Villa Low Bowels

Classic rolled rim complements a wide variety of plants.
Removable drain plug for indoor or outdoor use.

Code	Size	Pack	Weight
PT612	12”	12	
PT614	14”	12	
PT620	20”	6	

Garden Bowls

Mediterranean potters produced this simple design nearly 9,000 years ago. Ideal for shallow planting. Removable drain plug. Saucers sold separately.
Color: Clay

Code	Size	Pack	Weight
PT712	12”	12	7.2 lb.
PT714	14”	12	9.9 lb.
PT718	18”	6	11 lb.
PT722	22”	6	21 lb.

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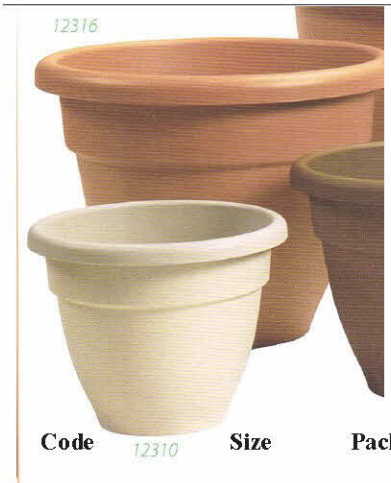
AKRO-MILS™ Lawn & Garden Products

Venetian Flower Box

Flited sides and heavy rim provides timeless elegance to balcony or patio planting. Removable drain plug. Matching drip trays sold separately.
Colors: Clay

Code	Size	Pack	Weight
PT818	18”	6	7.8
PT318	Tray	6	4.2
PT824	24”	6	11.4
PT324	Tray	6	5.5
PT830	30”	6	15.1
PT330	tray	6	6.6

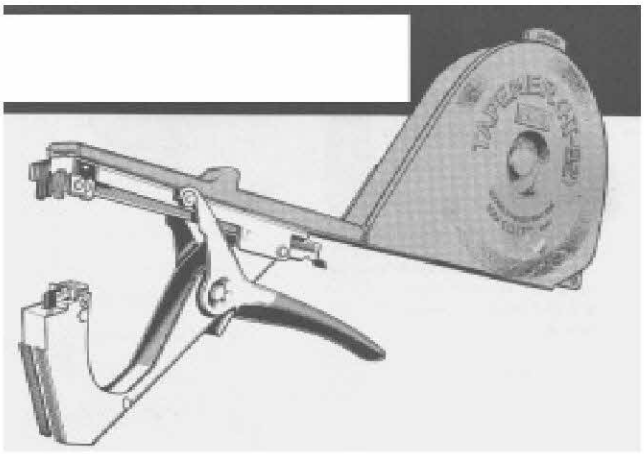
Caribbean Pots



This graceful design is found throughout the Caribbean
Color: Clay

Code	Size	Pack	Weight
PT308	8”	24	6.4
PT408	Saucer	24	2.4
PT310	10”	12	6.3
PT410	Saucer	12	2.5
PT312	12”	12	1.6
PT410	Saucer	12	2.5
PT314	14”	12	14.9
PT412	Saucer	12	3.8
PT316	16”	12	23.9
PT417	Saucer	12	6.8
PT320	20”	6	24
PT420	Saucer	6	5.4

Max Tapener



Simple operation saves many hours labor tying plants. First squeeze of the handle stretches tape between jaws ready to wrap around plant and support. Second squeeze staples tape and cuts it off neatly.
Comes with one blade.

Code	Desc.	Pack	Weight
MG3704	Tapener	1	xx
Tape			
MG3718	170’x6mil	1	xx
MG3720	100’x12mil	1	xx
MG3711	Blades	Box	xx
MG3708	Staples	4800/Box	xx

Plant Tie

Clear, green tape is soft and stretches for plant safety.

All Purpose
Ideal for small plants, flowers, budding & grafting.
Size: 300’x4 gauge

Giant Tree Tie
Use for larger plants, including trees, lasts for years.
Size: 150’x8 gauge

Code	Size	Pack
MG3300	300’x 1/2”	1
MG3304	150”x1”	1

Jiffy Products

Peat Pots

All natural, preformed pots made from peat moss and wood pulp. 100% biodegradable so pots can be directly planted in the ground, or larger containers.

Code	Size	Pack	Weight
Round			
JPJ3BULK	36 mm	1000	30
JP3BULK	3”	1,404	27
JP4BULK	4”	1,056	30
Soil Test Kits			
JPSOTE		12/cs	1

Peat Pellets

Convenient pellets expand to form pot and soil for plant growth, and shock free transplanting. Excellent for seed germination and propagation.

Code	Size	Pack	Weight
JPJ3BULK	N/A	1000/Cs	20

Gro Dome

Rugged vinyl dome 11”x22”x2 " fits tray and insert to provide ideal conditions for seed germination. Also a 7" tall dome.

Code	Size	Pack	Weight
CW-221	11”x22”	50	13
TOTADO	11"x22"x7" tall		25

Watering Equipment

Hoses

Made of EPDM rubber the hose won't crack, check, or separate SureGrip technology resists kinking, and will allow the hose to coil easily even in cold weather.130 psi rated.

6 colors- Berry, Blue, Green, Red, Yellow, & Orange.

Code	Length	Case
5/8” Bore		
DMRUHO5825	25’	6
DMRUHO5850	50’	6
3/4” bore		
DMHOSE3450	50’	1
DMHOSE34100	100’	2

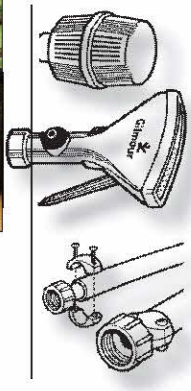
Hoses may be purchased by each or case. There is a price break at case.

Weeper Hose

Helps thoroughly water your grass and flowers using 90% less water. Also 50% thicker walls to eliminate the "geyser effect"

Code	Size
1/2” Bore	
DMSOHO50	50’
DMSOHO25	75’

Accessories



Code	
GI15	Metal “Y” W/Shut Off
GI305	Fan W/Shut Off
GI315MTL	Metal Bubbler
GI01F	5/8& 3/4 Female Coupler
GI01HM	5/8 & 3/4 Mender
GI01RW	Rubber Hose Washer
GI05F	7/16 to 9/16 Female Coupler
GI05V	Metal Shut Off
GI01M	5/8 & 3/4 Male Coupler

See next page for more watering equipment.

G&G Supply

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Dramm Watering Equipment

#170 Water Breaker

#170 is best suited where water pressure is low, watering small containers, and using fertilizer syphons. Adjust water flow to 50% of full pressure. Available in plastic and aluminum.
GPM 7 at 40 psi
3/4" hose threads

Code		Pack
DMWABR170AL	...Aluminum	.. Ea
DMWABR170PL	....Plastic	..... Ea

Redhead Water Breaker

Ideal for soft gentle watering of seedlings and plugs. This water breaker has over 1,000 micro holes to provide it's unique gentle flow.
3/4" hose threads

Code	Size	Pack
DMREHE	N/A	1

Fogg-It Water Nozzle

This solid brass nozzle is the ultimate mist/watering device for delicate seedlings. The fine spray produced will also raise humidity in the greenhouse. This nozzle comes in different flow rates, see below.
3/4" hose threads

Code	Size	Pack
DMFOIT.5	.5 GPM	1
DMFOIT1	1 GPM	1
DMFOIT2	2 GPM	1
DMFOIT4	4 GPM	1

Twin Shut Off

This shut off can independently control flow to each of it's outlets. Made of high quality Cycolac.

Code	Size	Pack
DMTWSH	N/A	1

Plastic Syphonject

The plastic Syphonject is an economical way to apply liquid fertilizer.

Average dilution ratio is 16:1

Built-in vacuum breaker.

Code	Pack
DMPLSY	1

#400 Water Breaker

This is the original full flow shower head. Provides fast, safe watering for general watering purposes. Available in plastic and aluminum.
GPM 11.1 at 40 psi

Code		Pack
DMWABR400AL	...Aluminum	1
DMWABR400PL	....Plastic	1

Handi-Reach Handles

These extensions are made of extruded brass tubing, and brass couplings.

Code	Size	Pack
DMHARE24	24"	1
DMHARE36	36"	1
DMHARE48	48"	1

Colormark Rain Wand

These beautiful 30" wands come in Berry, Black, Green, and Blue. Complete with a #400 black water breaker, #300 brass shut off, and a foam hand grip.

Code	Size	Pack
DMCOMABE	Berry	1
DMCOMAB	Blue	1
DMCOMAG	Green	1
DMCOMAR	Red	1

#300 Brass Shut Off

This solid brass shut off requires only 1/4 turn go from full on to full off.

Code	Size	Pack
DMBRSH	N/A	1

#45 Shut Off Valve

The # 45 shut off has the same features as above, except this economical shut off is made of plastic.

Code	Size	Pack
DMSHOFPL	N/A	1

Summit® Responsible Solutions

Kills Bed Bugs Permacide P-1 - Contains the active ingredient permethrin. Ready to use spray has residual properties. Kills and controls bed bugs and many other home-invading and outdoor pests.

Code	Size	Pack
SHBEBUQ	32 oz	12
SHBEBUG	1 gal	4

Don't Let the Bed Bugs Bite!!!

JRM Water Absorbing Polymers

Soil Moist

Water Absorbent Polymers
An environmentally safe synthetic superabsorbent copolymer. When mixed in the soil, the granules will soften and absorb water. Water will be released from the granule as the soil dries. Rate: 2 to 5 tablespoons per gallon.

Code	Size	Pack
Soil Moist		
JMSOMO3Z	3 Oz	12
JMSOMO8Z	8 Oz	12
Spikes		
JMSOMOS	N/A	24 Blisters
Tree Moist		
JMTRMO3	3 Oz	24
Soil Moist Commercial		
JMSOMO1	1 lb	6
JMSOMO3	3 lb	6
JMSOMO8	8 lb	1
JMSOMO50	50 lb	1

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Summit® Responsible Solutions

Mosquito Dunks - provide long term sustained release action. Place dunks in any standing water, including water gardens. Lasts for 30 days.

Code	Size	Pack
SHMODU2	2/Crd	12
SHMODU6	6/Crd	12

Safe for People & Pets

Mosquito Control

Mosquito Bits - Simply sprinkle in any standing water, including water gardens.

Biological control mosqioto control kills within 24 hours.

Code	Size	Pack
SHMOBI8	8 oz	12
SHMOBI2	2lb 4oz	6
SHMOBI20	20 lb	1

KILLS FUNGUS GNATS

Insecticides

Adept IGR

Site/Crops: Ornamentals
Insects: Insect growth regulator for control of soil inhabiting and foliar feeding insects. Easy on beneficials.
Rate: .5 to 8 oz per 100 gal.
REI: 12 hours

Code	Size
INADEP1	1 lb.

Attain Total Release Aerosol

Same active ingredient as Talstar
Use in greenhouses on ornamentals
Controls - Aphids, fungus gnats, mealybugs, mites, thrips, whiteflies, and others.
REI: 12 hours
Coverage per can: 2 oz. 3,000 sq.

Code	Size
WHATTA2	2 oz.

Avid

Site/Crops:
Greenhouse, Field grown, Foliage plants, woody onnamentals
Insects:
Leafminers, spider mites
Rate: 4 to 8 oz. per 100 gallons, as foliar spray
REI: 12 hours

Code	Size
INAVIQ	Qt.

Azatin

Site/Crops:
Greenhouse, indoor, outdoor, general crops including food crops
Insects:
Aphids, caterpillar, cutworms, fungus gnats, gypsy moth, leafminers, thrip, webworm, white flies, and others
Rate: 3 to 16 oz. in 100 gallons.
Apply as drench or spray
REI: 12 hours

Code	Size
INAZAQ	Qt.

Conserve SC

Site/Crops: Ornamentals, Turf
Insects: Lepidopterous larvae, sawflies, leaf feeding beetles, thrips, and leafminers. Easy on beneficials.
Rate: 6 to 22 oz per 100 gal.
REI: 4 hours

Code	Size
INCONSQ	Qt.

Dormant Spray (Superior Oil)

Effective control of scale, mites, fruit tree rollers, whiteflies, and others.Use on ornamentals, shrubs, fruit and shade trees. Do not use above 85°F.
Application Rate:
Fruit Trees: 6 tablespoons per gallon
All others 3 tablespoons per gallon

Code	Size
HYDOSPQ	Qt
HYDOSPG	Gal

Insecticides

Dormant / Summer Oil

Horticulture Oil

Distance IGR

Site/Crops: Indoor & Outdoor Ornamentals. See label for phytotoxicity on select plants.
Insects: Insect growth regulator for control of Whitefly, scale, shore flies, fungus gnats.
Rate: 2 to 12 oz per 100 gal.
REI: 12 hours

Code	Size
INDISTQ	Qt.

Endeavor

Site/Crops: Ornamentals, Landscape, Interiorscapes
Insects: Makes apdids & whiteflies stop feeding. Good residual activity.
Rate: 2.5 to 5 oz per 100 gal.
REI: 12 hours

Code	Size
INENDE	6x2.5 oz

Kill-A-Bug II Granules (Permethrin)

Controls armyworms, ants, white grubs, ticks, crickets, grasshoppers, spiders, scorpions, cockroaches, and many other listed insects.
Use in lawns, around house foundation, under shrubs.
Apply 2 to 2.5 lb. per 1,000 sq. ft.

Code	Size
HYKIBU10	10 lb
HYKIBU20	20 lb

Beethoven Total Release Aerosol

Provides control of mites, including the two spotted mite, and suprresses whiteflies. Use in commercial greenhouses. Use 1 - 2 cans per 3,000 sq. ft.
Active Ingredient:
Etoxazole.

Code	Size
WHBEET2	2 oz

Pylon Total Release Aerosol

Provides widespread control of pests including adult fungus gnats, mites, and thrips. Use in commercial greenhouses. Use 1 - 2 cans per 3,000 sq. ft.
Active Ingredient:
Chlorfenapyr.

Code	Size
WHPYLO2	2 oz.

BobCat sez . . .

Insecticides

Natural Guard Grub Control (Mach 2)

Stops soil and surface insect damage within hours of application. Insects quit feeding after treatment. Provides long term control. Mach 2 is a insect growth regulator that interfers with molting. Controls cutworms, sod webworms, white grubs, and others.
1 bag covers 5,000 sq. ft.

Code	Size
NGGRCO17	17 lb.

Kill-A-Grub Granule + Fertilizer (Mach 2)

Same as above with 16-4-8 turf fertilizer added.
Apply 5.4 lb. per 1,000 sq. ft. for grubs, 2.7 lb. per 1,000 sq. ft. for others.

Code	Size
HYKIIGR40	40 lb.

Marathon 1% Granule (Imidacloprid)

Use on field grown nursery crops, indoor and outdoor ornamentals. Controls Aphids, leaf miner, mealy bugs, thrip, whitefly, and others.
Apply 9 to 15 oz. per 1,000 sq. ft., incorporate into soil.

Code	Size
INMARA5	5 lb.

)

Malathion 55%

Provides control of fleas, aphids, thrips, spider mites, lace bugs, and others.
Use on fruits, vegetables, animals, and ornamentals, see label.
Apply 1.5 teaspoons per gallon

Code	Size
HY55MAQ	Qt.
HY55MAG	Gal.

Mavrik Aqua Flow

Insecticide / Miticide
Controls Aphids, bagworms, caterpiller, cutworm, gypsy moth, mealy bug, thrips, mites, webworm, whitefly, and others.
Use indoor, outdoor, greenhouse, on ornamentals, turf & trees.
Apply 4 to 10 oz. per 100 gallons.

Code	Size
INMAVQ	Qt.

Orthene 75% SP

Site/Crops:
Greenhouse, nursery, landscape, lawns, golf courses
Insects:
Aphids, bagworms, caterpillar, cutworm, gypsy moth, leaf miner, mealy bug, scale, thrip, webworm, whiteflies, and others
Rate: 1/3 to 1 1/3 lbs. per 100 gallons, apply as spray.

Code	Size
INORT1	1 lb.

Insecticides

Orthene Aerosol Spray

Use in commercial greenhouses on ornamentals.
Controls: Aphids, thrips, whiteflies, scale, mealybugs, fungus gnats, mites, and others.
Generally safe for plants in bloom.
4 oz can - 1,500 to 3,000 sq. ft.
12 oz. 4,500 to 9,000 sq. ft.

Code	Size
WHORTH6	6 oz.

38 Plus (38% Permethrin)

Controls Borers, bark beetles, aphids, bagworms, mosquitos, ants, beeltes, cockroaches, earwigs, spiders, and many more.
Controls home invading insects, lawn insects, insects on ornamentals, plus termite control. See label.
Apply, see label for target pest.

Code	Size
HY38PLQ	Qt.
HY38PLG	Gal..

Preclude Aerosol Spray (Fenoxycarb)

Insect Growth Regulator, controls immature stages, not adults.
Use in greenhouses on ornamentals.
Controls - Thrips, whiteflies, scale, and aphids.
Good residual control.
2 oz. can 1,500 to 3,000 sq. ft.

Code	Size
WHPREC2	2 oz.

Horticultural Oil

Insecticidal oil for use on vegetables and ornamentals.
May be used as a dormant oil and in the growing season, no temperature restriction.

Code	Size	Pack	Weight
MCHOOIG	Gal.	Ea.	11.2
MCHOOIQ	Qt.	Ea.	3.3

Pyrethrin Total Release Bomb

(Natural) - Botanical class pesticide. Use in greenhouses on ornamentals and vegetables.
Controls - Aphids, fungus gnats, mites, whiteflies, and others.
2 oz. can 3,000 sq. ft.

Code	Size
WHPYRE2	2 oz.

Talstar

Labeled for use in . . .
Greenhouses, lath houses, nurseries, sod farms, ornamentals, non-bearing fruit and nut trees.
Controls . . .Ants, aphids, bagworms, brown soft scale, mites, cutworms, elm leaf beetles, fungus gnats, grasshoppers, mealybugs, needle scale (crawlers), spiders, tent caterpillars, tip moths, whiteflies, thrips, leafminers, and many more.
Long residual, up to 28 days outdoors.
Low toxicity, LD50>2,000 mg/kg.
Rate: 1/12 oz. to 1/5 oz. per gallon

Code	Size
WHTALSQ	Qt.

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Insecticides

Tree Implant

Acecap / Medicap See page xxxxxx
Pointer - See previous page.

TetraSan 5WDG Miticide/Ovicide

Site/Crops: Ornamentals
Pests: Major tetranychid mites
Rate: 8 to 16 oz. per 100 gallons.

Code	Size
INTETR1	1 lb.

Turf Ranger Granules (Deltamethrin)

Controls ants, armyworms, crickets, fire ants, fleas, grasshoppers, spiders, and others.
Good residual control.
Use on turf.
Apply 2 to 3 pounds per 1,000 sq. ft.

Code	Size
HYTURA10	10 lb.
HYTURA20	20 lb.

Molluscicides

Sluggo (Iron Phosphate)

The only snail/slug control not based on Metaldehyde.
Organic- Breaks down into fertilizer
May be used around pets and children.
Labeled for use in vegetable gardens.

Code	Size
MCSLUG2.5	2.5 lb.
MCSLUG10	10 lb.

Snail & Slug Pellets (Methaldehyde + Bitrex)

Effective, easy to use pellets. Contains Bitrex for a bitter tase for non-target pests. Effective 3-4 weeks. Apply ring of pellets around affected plants. 1 lb. covers 4,400 sq. ft. Dangerous to Pets!!

Code	Size
HYSNSL2.5	2.5 lb.

Fungicides

Fungaflor Total Release Spray

Site/Crops: Total release broad-spectrum spray, for use in greenhouse.
Mode/Diseases: Preventative, Curative
Rate: 2 oz covers 3,000 sq. ft.
Application: Total Release

Code	Size
WHFUNG2	2 oz

Banrot 40% WP

Site/Crops: Bedding plants, container & bed grown plants, tropical foliage plants
Mode/Diseases: Preventative, curative
Rate: 4 to 12 oz. per 100 gallons.
REI: 12 hours
Application: Drench

Code	Size
FNBAN	2 lb.

Fungicides

Compass 50 WG

Site/Crops: Ornamentals
Mode/Diseases: Wide variety of diseases including anthracnose, black spot, botrytis, downey mildew, and rhizoctinia.
Rate: 1-4 oz. per 100 gallons.
Application: See label for some restrictions.

Code	Size
FNCOMP8Z	8 oz.

Cleary 3336 Flowable

Site/Crops: Field and greenhouse ornamentals, turf
Mode/Diseases: Preventative, curative
Rate: 10-20 oz. per 100 gallons.
Application: Drench or spray

Code	Size
MC3336	Qt.

Dusting / Wettable Sulphur

Can be used as either adust or wettable spray on roses, shurbs, flowers, fruits, and vegetables.
Controls black spot, powdery mildew, leaf spot, and rusts.
Application: As a spray, 4 tablespoons per gallon. As a dust apply to all surfaces.

Code	Size
HYDUSU4	4lb.

Phyton 27

Site/Crops: Field, interior and greenhouse ornamentals, ornamental trees
Mode/Diseases: Preventative, curative
Rate: 13-25 oz. per 100 gallons.
Application: Drench or spray

Code	Size
FNPH27L	Ltr.

With Ace Caps you do not get spray all over my yard

BobCat sez . . .

Fungicides

Subdue Maxx 22%

Site/Crops: Ornamentals, turf, non-bearing fruit and nut trees
Mode/Diseases: Preventative, curative
Rate: .3 to .6 oz. per 100 gallons.
Application: Drench or spray
Note: Check label for sensitive plants

Code	Size
FNSUBQ	Qt.

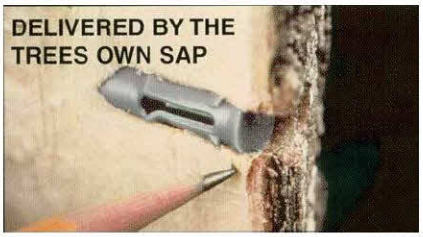
Vegetable, Flower, Fruit & Ornamental Fungicide (Daconil 2787)

A perventative and curative fungicide for many uses including turf to control many fungal diseases.
Apply 5 to 10 teaspoons per gallon, see label.

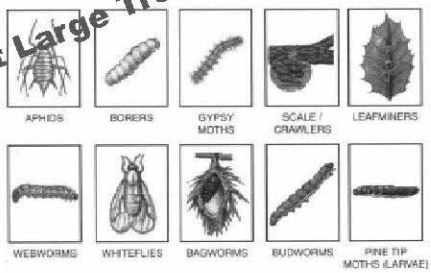
Code	Size
Q	Qt.

Tree Injection

Acecap / Medicap



Treat Large Trees Easily!



Acecap 97

Contains a nonrestricted use systemic insecticide. No special application equipment, or protective gear is required. Once implanted, insecticide translocates throughout the tree killing existing insects. Control is generally achieved in 2 to 7 days, and continues for up to 18 weeks. Do not apply during dormant season.
Uses less chemical than other systems.
Treat LARGE trees easily!

Code	Size
CSACEC10	10/Card
CSACEC5	5/Card
CSACEC25	25/Bag
CSACEC25E	25/Bag
CSACEC75	75/Bag
CSACEC75E	75/Bag

Medicap FE

Systemic Iron implant for trees.
Treat large trees easily and quickly.
Implants effective for 2-3 years.

Code	Size
CSMEDI5FE	5/Card
CSMEDI10FE	10/Card

Medicap MD

Special blend of highly water soluble nutrients designed to stimulate tree growth, contains micronutrients.
Ideal for use on both fruit and ornamental trees. Long lasting control (2-3) years.

Code	Size
CSMEDI10MD	10/Card
CSMEDI25MD	25/Card

Growth Regulators

A-Rest

Use for: Height control
Use on: Ornamentals, foliage, bedding plants
Rate: See label
Application: Drench, spray
Note: Do not use with wetting agents

Code	Size
GRARQ	Qt.

B-Nine Granular

Use for: Growth regulation
Use on: Ornamentals in commercial structures
Rate: See label
Application: Spray

Code	Size
GRB91G	1 lb.

Bonzi

Use for: Growth regulation
Use on: Bedding, flowering, foliage, bulbs, woody ornamentals in greenhouses, nurseries, interiorscapes
Rate: See label
Application: Drench, spray, bulb soak
Note: Plant response may vary, small trials are recommended.

Code	Size
GRBONQ	Qt.

Cycocel 11.8%

Use for: Growth regulation
Use on: Ornamentals in greenhouses, and woody flowering crops
Rate: See label
Application: Drench, spray
Note: Includes wetting agent

Code	Size
GRCYCQ	Qt.
GRCYCG	Gal.

Dip'N Grow

Dip N Gro is a liquid concentrate that is easily diluted to the proper strength for a wide variety of plants.
Contains both IBA and NAA in an alcohol base. The alcohol base is self-sanitizing so cross contamination problems are eliminated.
Rates: Hardwoods- 1:5
Medium hardwoods- 1:10
Softwoods and succulents- 1:20

Code	Size
GRDGP	Pt.

Florel

Use for: Eliminate fruiting, cotton formation, mistletoe control on trees
Use on: Coniferous and deciduous trees
Rate: See labels
Application: Spray

Code	Size
MCFLORP	Pt.
MCFLORQ	Qt.
MCFLORG	Gal.

Hormodin #3 Rooting Powder

Number 3 powder is formulated to root woody, semi-woody, and easy to propagate evergreens.
Dip cuttings directly in the powder.

Code	Size
GRHORM3	8 oz.

Rooting Hormone

This formulation contains IBA designed to propagate general ornamentals, houseplants, and groundcovers.

Code	Size
GLROHO2	2 oz.

Sucker-Stopper RTU (NAA)

This ready to use formula stops suckers from roots and pruning wounds for up to 5 months.

Code	Size
MCSUST22	22 oz.

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Herbicides

For All Seasons Lawn Food + Weed/Crabgrass Preventer

16-0-8 w/ Trace Elements.
Apply in early spring or fall 2 to 3 weeks prior to weed seed germination to obtain control of many grassy and broadleaf weeds. For best results use after 1/2 " of rainfall or irrigation.
Covers 5,000 sq. ft.

Code	Size
FLALSE5K	20 lb.

Pre-emergent

Crabgrass Control Granules (Balan/Treflan)

Pre-emergent

Provides season long control of crabgrass, foxtail and others in most turf grasses.
10lb. bag covers 5,000 sq.ft. / 35 lb. bag covers 20,000 sq.ft.

Code	Size
HYCRCO5K	10 lb.
HYCRCO10K	35 lb.

Crabgrass Control + 15-5-10 Fertilizer (Balan/Treflan)

Provides season long control of crabgrass, foxtail and others in most turf grasses + 15-5-10 fertilizer.
Bag covers 5,000 sq.ft.

Code	Size
HYCRLA5K	10 lb.

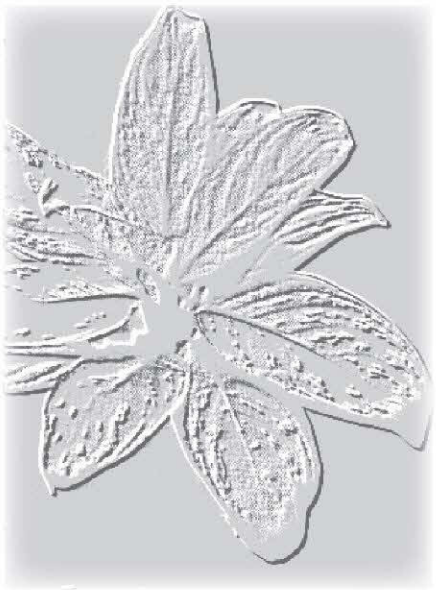
Pre-emergent

Crab & Spurge Preventer Spray (Dimension)

Pre-emergent

Preemergence herbicide that controls Crabgrass, Spurge, and many other annual grasses, and broadleaf weeds in established lawns. Provides early postemergence control of young crabgrass. Can be applied up to 4 weeks later than other preventers because of it's "reach back" ability. Can be used around trees and shrubs.

Code	Size
MCCRSPP	Pt.



Herbicides

Crabgrass Killer in Lawns

See Weed-Hoe

Grass Getter (Poast)

A selective postemetgent grasskiller for use over bedding plants, ornamentals, groundcovers, shrubs, and vegetables. Controls hard to control species including Bermudagrass.

Code	Size
MCGRGEP	Pt.

Crew

Provides season-long control of over 120 of the toughest broadleaf weeds including dandelion, spurge, clover.
Bag covers 1/3 acre.

Pre-emergent

Code	Size
GLPOBR10	10 lb.

Pramitol

Non-Selective

Use for complete vegetation control on non-crop areas. Controls vegetation for 1 to 2 years. Use for all types of vegetation. Pramitol needs sufficient water to be absorbed theough the roots. Dry conditions may result in poor control.
Liquid: Apply 1 to 1.5 pints per 1,000 sq.ft. in 1 to 3 gallons of water.
Granular: Apply 1/2 to 1 lb. per 100 sq.ft.

Code	Size
HRPRAM2.5	2.5 Gal
HRPRAMG	Gal.
HRPRAM25	25 lb.

Remuda (41% Glyphosate)

Non-Selective

A non-selective herbicide for use in unplanted areas, around trees, flowerbeds, shrubs, etc.No redudual control so the area may be replanted. A surfactant is included in this formula. Compare to Round Up.

Code	Size
MCREMUG	Gal.
MCREMUQ	Qt.

Super Killzall (41% Glyphosate)

Non-Selective

A non-selective herbicide for use in unplanted areas, around trees, flowerbeds, shrubs, etc.No redudual control so the area may be replanted. A surfactant is included in this formula. Compare to Round Up.

Code	Size
HYSUKI2.5	2.5 Gal.
HYSUKIG	Gal.

Trimec Spray

See Lawn Weed Killer Spray page 36.

Turflon Ester (triclopyr)

A postemergence herbicide for control of Bermudagrass and broadleaf weeds in cool season grasses. Use on cool season grasses only.

Code	Size
MCTUESP	Pt.

Weed & Grass Stopper (Treflan)

Pre-emergent

Pre-emergent weed and grass control in flower beds, around trees, shrubs, and certain vegetables. Apply 15 lb. to 2,400 sq. ft.

Code	Size
HYTRGR2.4K	15 lb.

Herbicides

Turf & Ornamental Weed & Grass Stopper (Dimension)

Pre-emergent

Provides superior control of crabgrass and many other annual grasses and broadleaf weeds in ornamental landscape areas including lawns and ornamental turf.
Can be applied up to 4 weeks later than other preemergence crabgrass preventers.

Code	Size
HYTUOR12	12 lb.

Vegetable & Ornamental Weeder (Treflan)

Pre-emergent

This preemergent herbicide controls grasses and broadleaf weeds. Provides control for up to 5 months in vegetables, trees, shrubs, flowers, and groundcovers.

Code	Size
MCVEORQ	Qt.

Weed & Feed (15-5-10 with Trimec)

Lawn fertilizer plus a post-emergent broadleag weed killer. Lawn should bw moist before application and watered in 24 hours after application. Controls most broadleaf weeds.
Apply 18 lb. per 5,000 sq.ft.

Code	Size
HYWEFE5K	18 lb.

Weed Out Broadleaf Weed Control (Trimec)

Provides post-emergent broadleaf weed control in most cool and warm season turfs. Do not apply to desirable clover. Lawn should be lightly wet before application. Do not water for 24 hours.
Bag covers 5,000 sq.ft.

Code	Size
FLWEKI5K	10 lb.

Weed Whacker Spray (2,4-D/2,4-DP/MCPP)

Aconcentrated 3-way herbicide for use on cool and warm season turf, as well as non-crop areas. Controls Spurge, Oxalis, Dandelion and other broadleaf weeds.
Apply 1 pint to 10,000 sq.ft.

Code	Size
MCWEWHP	Pt.
MCWEWHQ	Qt.
MCWEWHG	Gal.

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Rodent Control

Go-Die Gopher Bait (Zinc Phosphide)

Only one feeding required for gopher control. Place treated grain inside gopher tunnels for safety purposes and effective control.

Code	Size
MCGODI1	1 lb.

Mole & Gopher Bait (Zinc Phosphate)

Controls gophers and moles in lawns, golf courses, and non-crop areas. Do not apply to gardens. Place underground in tunnels and cover to protect non-target animals.

Code	Size
HYMOGO1	1 lb.

Always read and follow label instructions. Instructions may supercede information given here.

Acidifiers/Iron Products

Copperas (Iron Sulphate)

Economical treatment of yellowing leaves due to iron deficiency. Aids in creating an acid soil condition.

Code	Size
HYCOPP15	15 lb.

DR. Iron Granule (No Stain Formula)

Corrects yellowing due to irin deficiency in lawns, flowers, vegetables, groundcovers shrubs, and more. Reduces soil pH to improve iron availability. Contains 22% iron and 55% sulfur.

Code	Size
MCDRIR7	7 lb.

Disper Sul Granule (Pastille 90% S Min.)

This formulation eliminates dust in handling and provides uniform sizing for accurate application. Microbial action converts the sulfur to SO_4 to reduce soil pH.
This formulation is designed for commercial application.

Code	Size
MADISU50	50 lb.

Iron + Granule (Nitrogen, Sulfur, Iron)

Provides Iron, reduces soil pH, and provides nitrogen for plant growth. Will stain concrete.

Code	Size
HYIRPL 25	25 lb.

Iron & Soil Acidifier Liquid

This formulation contains 4.6% chelated iron for longer lasting activity. Also contains copper, sulfur and zinc.

Code	Size
FLSOACG	Gal

Sprayers Page 60

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Acidifiers/Iron Products

Iron Sul Granule

This unique formula contains a 6-2-1 fertilizer, sulfur, iron, zinc, and 6% humic acids. Soil structure is improved by both pH reduction and addition of humic acids, in addition to adding primary plant nutrients. Bag cover up to 5,000 sq.ft.

Code	Size
MAIRSU50	50 lb.

Liquid Iron

Chelated iron plus micro nutrients for use on potted plants, lawns, trees, shrubs, flowers, and vegetables. Foilar spray apply 1 tablespoon per gallon, soil application see label.

Code	Size
FLLIIRQ	Qt.
FLLIIRG	Gal.

Premium Green Iron 45% (No Stain Formula)

This high potency formula contains micronutrients plus 4% humic acids. Turf - 1 to 2 pounds per 1,000 sq. ft. Shrubs & trees see label

Code	Size
GPIRIN10	10 lb.
GPIRON50	50 lb.

Sequestar Iron 6% (Fe EDDHA chelated iron)

This form of chelated iron is designed for high pH situations, giving longer lasting results than other chelated iron products. Mix with water and apply as spray.

Code	Size
MCSEIR4Z	4 oz.
MCSEIR4	4 lb.

Sprint 330 Iron 10% (Chelated Iron)

This form of chelated iron is designed for use in slightly acid to slightly alkaline soils. Mix with water to and apply as a spray. See label for application rates.

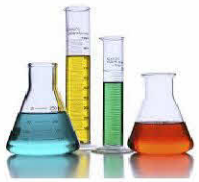
Code	Size
FRFE330	5 lb.

Chemical Additives

Mark-It-Blue

Spray solution blue colorant indicates where you have sprayed. Washes off without staining, is non-toxic and dissipates with sunlight.

Code	Size
MCMABL8	8 oz.



Root & Stump Removers

Root Killer (Copper Sulfate)

Formulated to quickly kill and dissolve fungus and roots from trees and shrubs that have entered the sewer line, septic tank and drain pipes. Apply 1/3 container to toilet and flush until crystals are gone.

Code	Size
HYROKI1.5	1.5 lb.

Stump Remover (Potassium Nitrate)

Works by decomposing the wood, leaving them porous right down it the root tips. Harmless to surrounding plants.

Code	Size
HYSTRE1.5	1.5 lb.

Descriptive terms commonly associated with certain ranges in soil pH are:

- **Extremely acid:** < than 4.5; lemon=2.5; vinegar=3.0; stomach acid=2.0; soda=2–4
- **Very strongly acid:** 4.5–5.0; beer=4.5–5.0; tomatoes=4.5
- **Strongly acid:** 5.1–5.5; carrots=5.0; asparagus=5.5; boric acid=5.2; cabbage=5.3
- **Moderately acid:** 5.6–6.0; potatoes=5.6
- **Slightly acid:** 6.1–6.5; salmon=6.2; cow's milk=6.5
- **Neutral:** 6.6–7.3; saliva=6.6–7.3; blood=7.3; shrimp=7.0
- **Slightly alkaline:** 7.4–7.8; eggs=7.6–7.8
- **Moderately alkaline:** 7.9–8.4; sea water=8.2; sodium bicarbonate=8.4
- **Strongly alkaline:** 8.5–9.0; borax=9.0
- **Very strongly alkaline:** > than 9.1; milk of magnesia=10.5, ammonia=11.1; lime=12

Atlas Gloves

Nitrile Touch
This is Atlas's best seller. Abrasian and puncture resitant nitrile coating molds to the hand. It fits like a second skin. Excellent dexeterity; breathable seamless liner.

Code	Case Count
ATNITOS	12
ATNITOM	12
ATNITOL	12

Nitrile Tough
Wears like iron, ouperforms leather! Tough nitrile coating resists punctures and abrasian.

Code	Case Count
ATNITUMBK	12
ATNITULBK	12

Bamboo Gloves
The gloves are antibacterial, uv protective, biodegradeable, and very durable. These are eco-friendly, mechanically - not chemically processed.

Code	Case Count
ATBANIS	12
ATBANIM	12
ATBANIL	12

Garden Grip
For comfort when gardening. Textured rubber palm grips tools and wood handles. Ergonomic shape supports hands, reduces fatigue. Breathable back & seamless liner.

Code	Case Count
ATGAGRS	12
ATGAGRM	12
ATGAGRL	12

Displays
Need a display?
Many to choose from
Contact us!

Just Want 1 Pair?
No Problem!

Click the link below to see all the products
http://gloves.lfsinc.com/content/

Victor

Gopher Traps

Narrow design allows for easy insertion into tunnels.

Powder coated for rust resistance.

Display contains 12 individual traps.

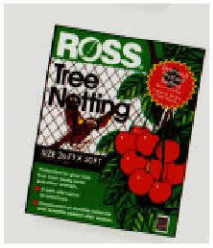
Code	Size	Pack
VCGOTR	N/A	12

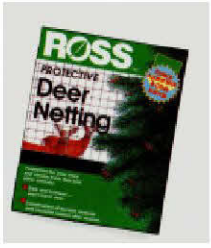
BULK BAMBOO STAKES

BDNABA1.5	1.5'	5-7 mm
BDNABA2	2'	6-8mm
BDNABA38	3'	8-10mm
BDNABA312	3'	12-14mm
BDNABA48	4'	8-10mm
BDNABA410	4'	10-12mm
BDNABA58	5'	8-10mm
BDNABA512	5'	12-14mm
BDNABA612	6'	12-14mm
BDNABA615	6'	15-17mm
BDNABA712	7'	12-14mm
BDNABA718	7'	18-20mm
BDNABA818	8'	18-20mm
Other Products	Description	Weight
BDROFE48	4'x8'x12-14MM Roll Fence	30
BDBOFE4826	4'x8'x24-26 Fence	50
BDBAED810	8'x10' Edging	13
BDBAMA48	4'x8' Bamboo Mat	4

Bird Repellents

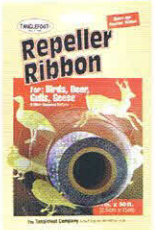
Netting





Code	Description	Size
RSGANE1445	Garden Net	14'x45'
RSGANE712	Garden Net	7'x12'
RSDENE7100	Deer Net	7'x100'
RSTRNE1414	Tree Net	14'x14'
RSTRNE2630	Tree Net	26'x30'

Repeller Ribbon



97050

Tanglefoot's Repeller Ribbon creates optical and audible discomfort for nuisance birds, deer and geese. Easily attaches to vertical structures, trees/shrubbery, boats, docks and more.

Code	Size	Pack
TF300000575	N/A	12/Cass

Atlas Gloves

Atlas Nitrile Pro Gloves

Atlas's Nitrile Pro C720 gloves are coated and resistant to chemicals, solvents, caustics, oil, and grease.

Code	Size	Pack
ATNIPRS	SMALL	1
ATNIPRM	MED	1
ATNIPRL	LARGE	1
ATNIPRXL	X LRG	1

Atlas Gauntlet Gloves

Gauntlet protects forearms; reinforced palm resists punctures and abrasions. Women's sizes in pink, purple, or blue synthetic leather.

Code	Size	Pack
ATGAGLS	SMALL	1
ATGAGLM	MED	1
ATGAGLL	LARGE	1

Atlas Kid-Tuff Too

These colorful, washable gloves will be instant winners with kids and the adults who like to buy thngs for them! Nylon knit with textured rubber palm, assorted colors.

Code	Size	Pack
ATKITUXS	X.SMALL	1

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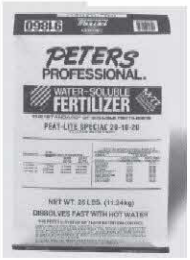
Water Soluble Fertilizer

PETERS PROFESSIONAL®
WATER SOLUBLE FERTILIZER



Peat Lite 15-16-17 + Minors

53% nitrogen nitrate form. Elevated minors for use in soilless media. Not recommended if water sodium is over 50 ppm.
Rate to get 100 ppm in 100 gallons: 9 oz.

Code	Size	Pack	Pallet
PE151617	25 lb.	1	42

Peat Lite 20-10-20 + Minors

High nitrate to ammonium ratio for year around use. Acidic nature counters water alkalinity.
Rate to get 100 ppm in 100 gallons: 6.75 oz.

Code	Size	Pack	Pallet
PE201020PL	25 lb.	1	42

General Purpose 20-20-20 + Minors

Standard trace package for all types of media. Moderate acid forming. Not recommended in soilless media during extended cool, cloudy weather.
Rate to get 100 ppm in 100 gallons: 6.75 oz.

Code	Size	Pack	Pallet
PE202020	25 lb.	1	42

Acid Special 21-7-7 + Minors

Contains no nitrate nitrogen. High acid forming to offset water alkalinity. Good source of iron and sulfur.
Rate to get 100 ppm in 100 gallons: 6.44 oz.

Code	Size	Pack	Pallet
PE2177	25 lb.	1	42

Plant Starter 10-30-20 + Minors

Ideal for all transplants in greenhouse and field culture. Especially beneficial when soil temperatures are low.
Rate to get 100 ppm in 100 gallons: 14.8 oz.

Code	Size	Pack	Pallet
PE103020	25 lb.	1	42

Water Soluble Fertilizer

PETERS EXCEL®
WATER SOLUBLE FERTILIZER

Excel Cal-Mag 15-5-15

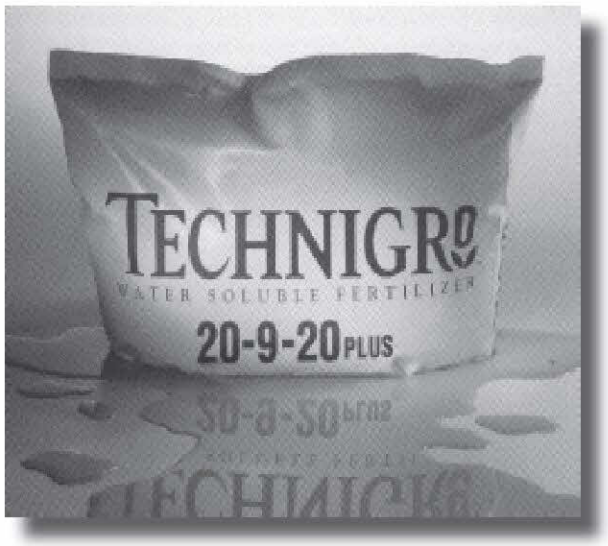
This unique formula contains all major, minor nutrients, plus calcium. Calcium and phosphorus cannot normally be applied at the same time. Use in low to moderate alkalinity situations.

Code	Size	Pack	Pallet
EX15515	25 lb.	1	42

Excel All Purpose 21-5-20

Moderately acidic boron-free formulation delivers high nitrate, low phosphate nutrition..

Code	Size	Pack	Pallet
EX21520	25 lb.	1	42



20-9-20 Plus Minors

Suitable for a wide range of crops. Moderately acid forming. Increased minors for use in soilless media. Contains sulfur.
Rate to get 100 ppm in 100 gallons: 6.75 oz.

Code	Size	Pack	Pallet
TE20920AP	25 lb.	1	80

20-18-20 All Purpose + Minors

Regular trace package for use in all media, including those with native soils. Acid forming fertilizer.
Rate to get 100 ppm in 100 gallons: 6.75 oz.

Code	Size	Pack	Pallet
TE201820	25 lb.	1	80

SunGro has professional lab services available for a reasonable fee, call for details.

Control Release Fertilizer

Osmocote Classic

The Standard Series provides the major nutrients, Nitrogen, Phosphorus, and Postassium.

N-P-K	Code	Size	Longivity
14-14-14	SCOS14141450	50 lb	3-4 months
18-6-12	SCOS1861250	50 lb	8-9 months
19-6-12	SCOS19612	50 lb	14-16 months

Osmocote Plus

The plus series contain major nutrients in conjuction with minors.

N-P-K	Code	Size	Longivity
15-9-12	SCPL1591250	50 lb	5-6 months
16-9-12 Hi-Strt	SCPL1691250	50 lb	8-9 months

Osmocote Pro W/Uncoated NPK&Fe

18-7-10 8 to 9 months, with Fe
Rate, Incorporated per cu. yard: Low-7 lbs. Med-10 lbs. High-13lbs.

N-P-K	Code	Size	Longivity
18-7-10	SCSB1871050	50 lb	8-9 months

Osmocote Pro With Poly S & STEP

19-5-9 12 to 14 months, with Minors
Rate, Incorporated per cu. yard: Low-7 lbs. Med-11 lbs. High-15 lbs.

N-P-K	Code	Size	Longivity
19-5-9	SCHN1959	50 lb	12-14 months

Click Me to Visit the Website

http://everris.us.com/

Topdress Specials

17-3-6 4 to 6 months, with minors
Rate, grams per 5 gallon container: Low-82. Med-109 High-136
1/2 cup = 125 grams

N-P-K	Code	Size	Longivity
17-3-6	SC1736	50lb	4-6 months

Control Release Fertilizer

Micronutrients

Step Hi Mag Trace element package contains iron, manganese, zinc, copper, sulfur, magnesium. Fine particle Rate: 50 lb. covers 21,780 to 36,300 sq. ft.
Micromax Trace package for planting media.
Rate: Low- 1 lb. per cu. yrd. Normal- 1.5 lb. per cu. yard

N-P-K	Code	Size
Micromax	SCMM50	50 lb

Tablets

Code
SCAG21 .....500/cs

20-10-5 21 gram tablet with minors, feeds for 2 years
Rate: 1 gallon container 1, 5 gallon container 2 to 3

Carl Pool®

Carl Pool 13-13-13

3 to 4 month formulation for use on all plants ensures a steady source of plant food.
This is a value-priced control release suitable for outdoor beds.

Code	Size
CP13131340	40 lb.

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Turf & Landscape Fertilizers

Classic Slow Release Nitrogen

16-4-8 + Trace Elements
One application lasts up to 2 months.
Apply 20 lb. per 5,000 sq. ft.

Code	Size
FLCLSL5K	20 lb.
FLCLSL10K	40 lb.

Lawn Food + Iron

28-0-4 + Trace Elements and chelated iron
Fast release nitrogen for quick green-up.

Code	Size
FLLAIR5K	20 lb.
FLLAIR10K	40 lb.

New Lawn Starter

9-13-7 + Trace Elements
Designed to help grass seed and sod to develop strong roots and stems in the early stages.
Apply 20 lb. per 5,000 sq. ft.

Code	Size
FLNELA5K	20 lb.
FLNELA10K	40 lb.

South-West Green Maker

18-0-6 + 5% Iron and Trace Elements
Contains 10% sulfur to combat high pH, giving a deep green color to lawns needing more iron.
Coverage per bag - Cool season turf, 10,800 sq. ft.
Warm season turf, 7,200 sq. ft

Code	Size
FLGRMA30	30 lb.

Tree & Shrub Food

18-8-10 + Trace Elements
This formula has special penetrating action to reach the feeder roots. Apply around tree or shrub at the drip line.
20 pounds will feed up to 10 4" diameter trees.

Code	Size
FLTRSH20	20 lb.

Garden Fertilizer

8-10-8
An economical general purpose fertilizer for vegetables, flowers, trees, shrubs and ornamentals.
Apply 1.75 lb. per 50 sq. ft.

Code	Size
HYGAFE4	4 lb.

15-5-10 with Iron and Sulfur
An economical food for all types of lawn grasses. 20 pound bag coveres 5,000 sq. ft. Caution contains iron and may stain concrete and pavement.

Code	Size
HYNEPR5K	20 lb.

Ammouium Sulfate

21-0-0

Code	Size
MA210050	50 lb.

Disper Sul Granule (Pastille 90% S Min.)

This formulation eliminates dust in handling and provides uniform sizing for accurate application. Microbial action converts the sulfur to SO_4 to reduce soil pH.
This formulation is designed for commercial application.

Code	Size
MADISU50	50 lb.

Turf & Landscape Fertilizers

Iron Sul Granule

This unique formula contains a 6-2-1 fertilizer, sulfur, iron, zinc, and 6% humic acids. Soil structure is improved by both pH reduction and addition of humic acids, in addition to adding primary plant nutrients. Bag cover up to 5,000 sq.ft.

Code	Size
MAIRSU50	50 lb.

16-8-8 Lawn & Garden

16-8-8 + 14% Sulfur, 1% Iron, 1% Zinc
This fertilizer has been used and trusted in the New Mexico market for many years. Used and endorsed by the Albuquerque Rose Society. Homogeneous prills ensure even distribution of all nutrients supplied. This heavyweight fertilizer is easy to apply through mechanical means.
A great all-around fertilizer.

Code	Size
CP168850	50 lb.

Fertilizer + Weed Killer

Crabgrass Control + 15-5-10 Fertilizer (Balan/Treflan)

Provides season long control of crabgrass, foxtail and others in most turf grasses + 15-5-10 fertilizer.
Bag covers 5,000 sq.ft.

Code	Size
HYCRLA5K	10 lb.

Weed & Feed (15-5-10 with Trimec)

Lawn fertilizer plus a post-emergent broadleaf weed killer. Lawn should be moist before application and watered in 24 hours after application. Controls most broadleaf weeds.
Apply 18 lb. per 5,000 sq.ft.

Code	Size
HYWEFE5K	18 lb.

NOR-CAL PERLITE INC

Use as a medium for seed germination, cutting propagating, seed covering, and as a potting media amendment.

- ☐ High water holding capacity
- ☐ High heat processing produces sterile product
- ☐ Stimulates root growth
- ☐ Contains trace elements
- ☐ 4 cu. ft. plastic bags

Code	Size	Pack	Pallet
NCVEME4CF	4 cu.ft	1	33

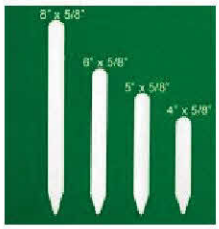
Horticulture grade Perlite is an excellent potting media amendment. Perlite makes a good medium for propagating cuttings.

- ☐ Improves soil structure
- ☐ Produces denser root structure
- ☐ Eliminates soil crusting and compaction
- ☐ Improves drainage and aeration
- ☐ Increases water holding capacity and fertilizer retention
- ☐ 4 cu. ft. plastic bags

Code	Size	Pack	Pallet
NC2PE4CF	4 cu.ft	1	36

Perlite and vermiculite available in different chunk sizes

Plant Tags



Code	Size	Pack
DPPIPLLA4	4”	1,000
DPPIPLLA5	5”	1,000
DPPIPLLA6	6”	1,000
DPPIPLLA8	8”	5

Codes and prices are for white labels, other colors special order..

Perlite and vermiculite also available in Totes

Dramm Revolver

Dramm’s Nine Spray Pattern Revolver

- ☐ Quick-click pattern changing
- ☐ Heavy duty construction

Code	Pack	Case
DMTOREDE	1	12

The One Touch Shower & Stream gives you complete and total water flow control with ust one touch of your thumb. Thus eliminating the strain from s ueezing in order to turn the water on and off. Especially great for arthritic hands

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Click on the Link Below to See More!
http://www.bondmfg.com

8" Drop Forged Pruner with Pouch

Bond's 68WP 8" forged pruner with pouch.

Precision ground blades
Non-slip grips
Includes pouch with secure latch for belt.

3/4 inch

Code	Size
BO68WP	8"

Hardwood Stakes

Bond's Hardwood Stakes

Kiln dried for straight stakes. Extremely hard wood for durability. Pencil sharpened points. Packaged in six packs or individual.

Code	Size
Available in Many Sizes	

Tool Displays

SD709

Bond's Tool Displays

Bond has many eye-catching displays for all tools in the catalog. Click on the link below to visit the online catalog:

http://www.bondmfg.com

Super Bamboo Poles

Bond's Super Bamboo Poles

Individually hand selected and sanded. Individually UPC labeled. Minimal taper.

Code	Size
BO91016	6' x 1"
BO91018	8' x 1"

Many other sizes available

SD710

3 Way Soil Meter & Moisture Meter

Bond's 3 Way Soil Meter

Accurate and easy to use. No batteries required. Reads PH, Light, & Moisture.

Code	Size
BO9629	N/A

Bond's Moisture Meter

Accurate and easy to use. No batteries required. Reads soil moisture.

Code	Size
BO9628	N/A

T.O. PLASTICS

POTS 2.5" to 4.5"

TO2.5SVD	2.5" Vac Deep, Char	800
TO3.5SVD	3.5" Vac Deep, Black	450
TO4.5SVD	4.5" Vac Deep, Black	375

PRESS FIT TRAYS

TO4.5SVD-15	4.5"X15 Vac Deep Tray	50
TO3.5SVD-18	3.5"x18 Vac Deep Tray	50
TO2.5SVD-32	2.5"x32 Vac Deep Tray	100

INSERTS 606/806/1206 + MORE

TOD201	1x2	100
TOD601	1x6	100
TOD606	6x6	100
TOD1801	1x18	100
TOD801	1x8	100
TOD804	4x8	100
TOD812	12x8	100
TOD1001	1x10	100
TOD1006	6x10	100
TOD1201	1x12	100
TOD1204	4x12	100
TOD1206	6x12	100
TOD1802	2x18	100
TOD1803	3x18	100
TOD1804	4x18	100
TOD2401	1x24	100
TOD3601	1x36	100
TOD606D	6x6 Deep	100
TOD806	6x8	100
TOD1801D	1x18 Deep	50

TRAYS WITH OR WITHOUT HOLES

TOF1020	10"x20" Flat	100
TOF1020NH	10x20 Flat No Hole	100

STAR PLUG TRAYS

TOPLTR72ST	72 STAR PLUG TRAY 3' DEEP	50
TOPLTR38ST	38 STAR PLUG TRAY 5' DEEP	50
TOPLTR32ST	32 STAR PLUG TRAY 4' DEEP	50
TOPLTR50SQ	50 CT SQ PLUG TRAY	50

2 QT POTS & CARRY TRAYS

TO2QT	2 Quart Pot	200

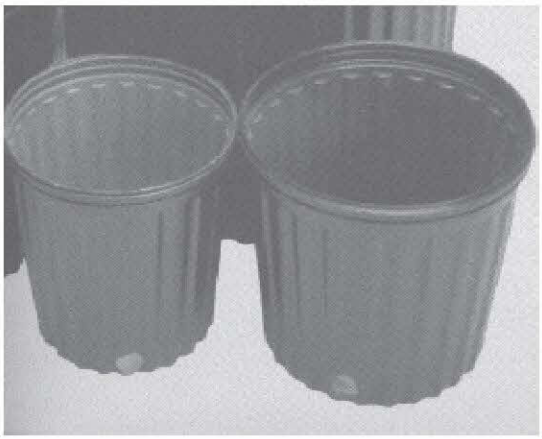
HUMIDITY DOMES

TOTADO	Tall Dome 7"	25

NEW ITEMS CALL FOR INFO.

Nursery Cans from Nursery Supply

Blow Molded



These rugged, light pots are UV stabilized and weather resistant for long life.
These economical pots carry a 2 year guarantee from the manufactor.

Code	Trade	Size	Pack
NSBNC1	1 gal	7.75x7	85
NSBNC2	2 gal	9x8.5	90
NSBNC3FL	3 gal	11x9.5	71
NSBNC5	5 gal	10.5x12	45
NSBNC45	45 gal	30x20	5

Grip-Lip

These containers are designed to provide maximum stacking and strength. They ease the strain of maneuvering plants and trees because the lip becomes a rigid handle.

Code	Trade	Size	Pack
NSBNC7	7 gal	13.75x12	40
NSBNC10	10 gal	15x15	19
NSBNC15	15 gal	15x18	18
NSBNC20	20 gal	19.25x17	16
NSBNC25	25 gal	22.75x18.25	10

Poly-tainer

These injection molded, heavy duty pots are rigid making them ideal for shipping and selling. Smooth sides, attractive styling, handles or rim grips for easy handling.

Code	Trade	Size	Pack
NSINC300	1 gal	6x7	60
NSINC1	1 gal	7.5x7	60
NSINC2	2 gal	8.5x8.5	50
NSINC3	3 gal	10x9.25	45
NSINC5	5 gal	13X9	25
NSINC7	7 gal	12x14.5	15
NSINC10	10 gal	15x15	14
NSINC15	15 gal	15x18	10

Premier

New pressure form molding technology results in a very light, strong, economical pot.

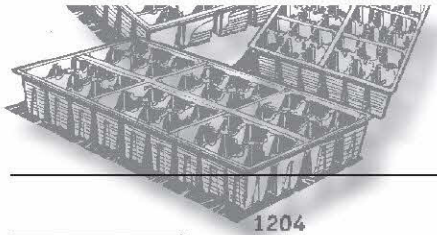
- ☐ Universal drainage
- ☐ Lip design for pot dispensers
- ☐ Compact stacking
- ☐ Easy transportation

Code	Trade	Size	Pack
NSBNC300	1 gal	6.75x6.5	80

Large Vacuum Formed

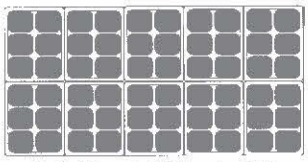
These containers offer exceptional strength and durability. Sizes 35, 45, 65,95, 150, 200, and 300 gal.
Special order only

Dillen Flats & Inserts



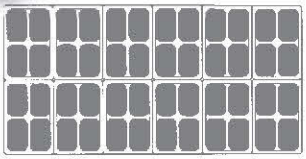
Inserts

1006



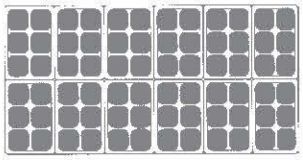
Cell Size: 1-3/4" x 1-1/2"

1204



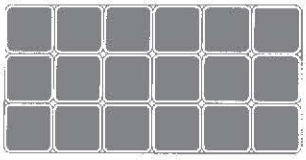
Cell Size: 2-3/8" x 1-1/2"

1206



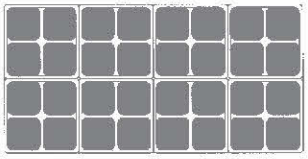
Cell Size: 1-1/2" x 1-1/2"

1801



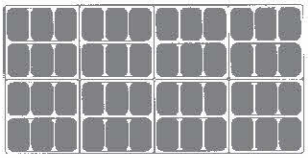
Cell Size: 3-1/8" x 3-1/8"

804



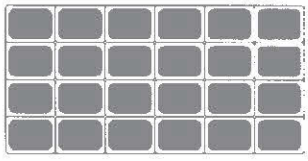
Cell Size: 2-3/8" x 2-3/8"

806



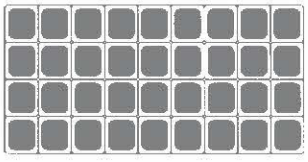
Cell Size: 2-3/8" x 1-1/2"

2401



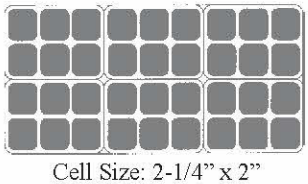
Cell Size: 3-1/16" x 2-3/16"

3601



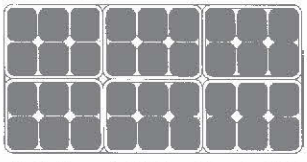
Cell Size: 2-1/4" x 1-15/16"

606



Cell Size: 2-1/4" x 2"

606 DEEP

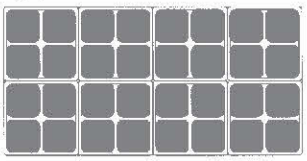


Cell Size: 2-1/4" x 2" x 3-1/4"

See fill chart on page 54

Inserts

804



Cell Size: 2-3/8" x 2-3/8"

Code	Cells/Pack	Pack/Sheet	Case
DP606	6	6	100
DP804	4	8	100
IT1006	6	10	100
DP1204	4	12	100
DP1206	6	12	100
IT1804	4	18	100
DP806R	6	8	100

Following are DEEP inserts

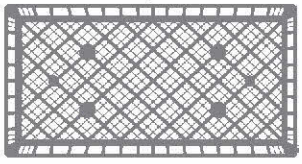
DP606J	6	6	100
DPSHPO3.5D	1	18	100

Following are TRUE series inserts

DP606JT	6	6	100

Flats

1020 Economy Web



Code	Size	Pack	Case
DPF1020	11x21		100
DPF1020NH	11x21	No Hole	100
DPWEFLL	11x21		50

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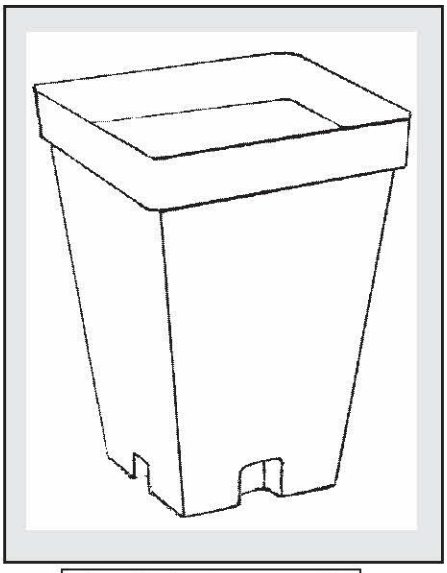
2.5" Vac Pot, Deep



See fill chart on page 54

Pot
Vacuum Formed - plenty of strength at an economical cost.
Available with matching "Press Fill" tray for reduced labor costs.
Size: 2.5"x2.5"x3.5"

Flat
Holds 32 individual pots. Each pot is held in place, so pots do not fall as intermediate pots are sold, or removed for increased growing room.
This flat and above pot makes "Press Fill" possible.

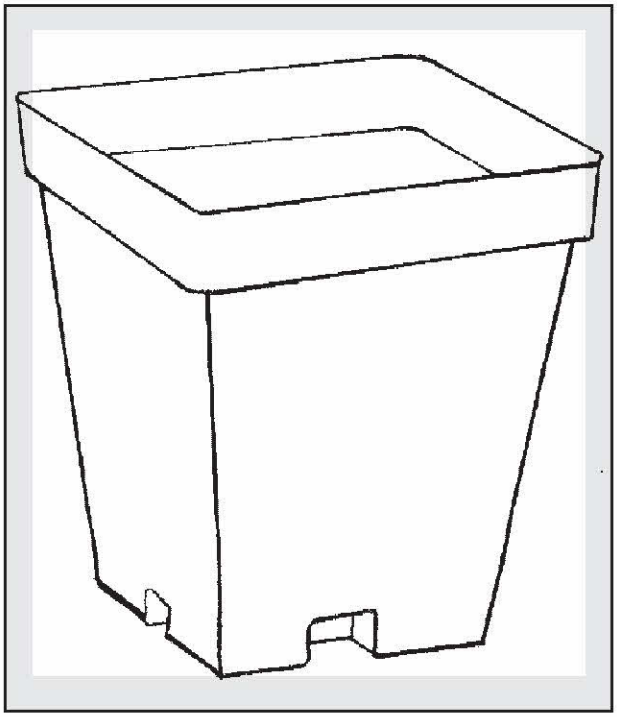
Code	Size	Pack
Pot		
DP2.5SVD	2.5"	800
Flat		
DP2.5SVD-32	2.5"	50

Pot
Vacuum Formed - plenty of strength at an economical cost.
Available with matching "Press Fill" tray for reduced labor costs.
Size: 4"x4"x5"

Flat
Holds 15 individual pots. Each pot is held in place, so pots do not fall as intermediate pots are sold, or removed for increased growing room.
This flat and above pot makes "Press Fill" possible.

Code	Size	Pack
Pot		
DP4.5SVD	4.5"	375
Flat		
DP4.5SVD-15	4.5"	50

3.5" Vac Pot, Deep



Pot
Vacuum Formed - plenty of strength at an economical cost.
Available with matching "Press Fill" tray for reduced labor costs.
Size: 3.5"x3.5"x3.5"

Flat
Holds 18 individual pots. Each pot is held in place, so pots do not fall as intermediate pots are sold, or removed for increased growing room.
This flat and above pot makes "Press Fill" possible.

Code	Size	Pack
Pot		
DP3.5SVD	3.5"	450
Flat		
DP3.5SVD-18	3.5"	50

DILLEN PRODUCTS

Hanging Baskets Without Saucers (ESL Style)

ESL style (flutes) saucerless features an internal capillary dish, creating an internal rseervoir.

Dillen Product Description	Carton Pk.	Carton Wight	Carton Cube	Carton Plt.	Bulk Qty.	Color	Diameter or I Height	
Hanging Baskets Saucerless								
Includes internal dish. Hangers packed/costed separately.								
ESL Style								
8" ESL HB, Green	50	11	1.6	75	4,900	Wht/Gr	8 3/8"	5 1/4"
8" ESL HB, White	50	11	1.6	75	4,900	Wht/Gr	8 3/8"	6 1/4"
10" ESL HB 2,Green	50	15	2.6	50	3,200	Wht/Gr	10"	6 1/8"
10" ESL HB 2, White	50	15	2.6	50	3,200	Wht/Gr	10"	7 1/8"

Hanging Baskets with External Saucers (Euro Style)

Euro style (Swirl) baskets feature a pre-attached external saucer.

All white and 6" - Special Order Only.

Dillen Product Description	Carton Pk.	Carton Wight.	Carton Cube		
Euro Style					
6" Euro WS HB, Green	100	19	2.2	6 3/8"	4 1/4"
6" Euro WS HB, White	100	19	2.2	7 3/8"	5 1/4"
8" Euro WS HB, Green	50	15	2.2	8 1/2"	5 1/2"
8" Euro WS HB, White	50	15	2.2	8 1/2"	5 1/2"
10" Euro WS HB, Green	50	22	3	9 7/8"	5 3/4"
10" Euro WS HB,White	50	22	3	10 7/8"	6 3/4"
12" Euro WS HB, Green	25	19	2.8	11 3/4"	7 1/8"
12" Euro WS HB, White	25	19	2.8	12 3/4"	8 1/8"

Hanger Options

Style	Length	Bundle	Compatability
E-10 3 ..... Strand Plastic	16"	50	All 6".8", 10" Baskets
E-10L ..... 3 Strand Plastic	19.5"	50	All 8", 10" Baskets
E-12 ..... 4 Strand Plastic	22"	25	12" Basket
Wire ..... 3 Strand	21"	50	All 8", 10" Baskets
Wire ..... 4 Strand	24"	50	12" Baskets

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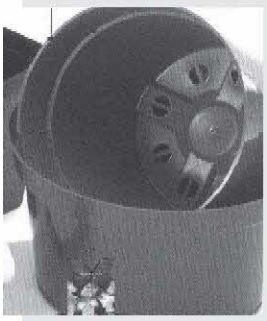
Round Thinwall Pots



High gloss finish for ease of cleaning and lable adhseion

Some styles and colors are special order only.

Dillen Product Description	Carton Pk.	Carton Wight	Carton Cube	Carton Plt.	Bulk Qty.	Color	Diameter or I Height	
Thin Wall Pots								
Round								
4" Geranium Trad. T/W	800	26	4.4	32	26,640	Wht/Gr	4"	3 1/2"
4" Standard T/W	1550	55	4.4	32	42,000	Wht/Gr	4"	3 1/2"
4-1/2" Geranium T/W	850	30	3.2	40	34,410	Wht/Gr	4 1/2"	3 3/4"
4-1/2" Geranium T/W TL	850	30	3.2	40	34,410	Wht/Gr	4 1/2"	3 3/4"
5" Azalea T/W TL	792	48	3.7	36	32,400	Wht/Gr	5 1/8"	3 5/8"
5-1/2" Azalea Trad. T/W Regrind	544	41	3.8	32	20,000	Wht/Gr	5 1/2"	4 1/2"
6" Azalea T/W	560	43	4.4	32	20,000	Wht/Gr	6"	4 1/4"
6" Standard T/W	440	45	4.4	32	14,625	Wht/Gr	5 7/8"	5 1/2"
6-1/2" Azalea T/W	328	30	2.8	48	15,105	Wht/Gr	6 3/8"	4 1/2"
7" Azalea T/W	150	15	2.1	66	12,650	Wht/Gr	7"	5"
7-1/2" Azalea T/W	264	35	3.7	36	N/A	Wht/Gr	7 1/2"	5 3/8"
8" Azalea T/W	138	22	2.3	48	6,960	Wht/Gr	8"	5"
8-1/2" Azalea T/W	144	27	2.3	48	9,000	Wht/Gr	8 1/2"	5 3/4"
10" Azalea T/W	90	29	3.1	40	4,450	Wht/Gr	10"	7 1/2"

Call for drop ship prices.

DILLEN PRODUCTS

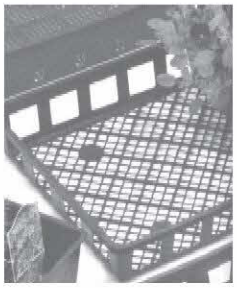
Square Thinwall Pots

Dillen Product Description	Carton Pk.	Carton Wght.	Carton Cube	Carton/Plt.	Bulk Qty. Color	Diameter or L	Height
Square							
4" Square Trad. TW	980	40	2.9	40	N/A Wht/Gr	4"	3 1/2"
4" Square Deep Perennial TW	T56	54	4.4	32	16,250 Bk	4"	5 1/8"
4-1/2" Square TW	485	23	2.8	48	16,250 Wht/Gr	4 1/4"	3 3/4"
4-1/2" Square TW TL	510	29	3.2	40	N/A Wht/Gr	4 1/4"	3 3/4"

Vacuum Inserts

Dillen Product Description	Carton Pk.	Carton Wght.	Carton Cube	Carton/ Plt.	Bulk Qty. Color	Diameter or Long	Height
Vacuum Inserts							
Standard							
D686	180	17	1.7	84	7,200 Bk	21" X 18 1/2"	2 1/4"
DJ606 (Jumbo)	180	18	3.4	36	3600 BK	21"X10 1/2	3 3/4"
D681	180	17	1.7	84	7,200 Bk	21" X 18 1/2"	2 1/4"
D684	180	17	1.7	84	7,200 Bk	21" X 18 1/2"	2 1/4"
D686/D686R	180	17	1.7	84	7,200 Bk	21" X 18 1/2"	2 1/4"
D689	180	17	1.7	84	7,200 Bk	21" X 18 1/2"	2 1/4"
D1201	180	17	1.7	84	7,200 Bk	21" X 18 1/2"	2 1/4"
D1202	180	17	1.7	84	7,200 Bk	21" X 18 1/2"	2 1/4"
D1203	180	17	1.7	84	7,200 Bk	21" X 18 1/2"	2 1/4"
D1204	180	17	1.7	84	7,200 Bk	21" X 18 1/2"	2 1/4"
D1206	180	17	1.7	84	7,200 Bk	21" X 18 1/2"	2 1/4"
D1801	180	17	1.7	84	7,200 Bk	21" X 18 1/2"	2 1/4"
TRUE							
T804	180	18	1.6	54	8,000 Bk	28" X 18"	2 1/2"
T806/T686R	180	18	1.6	54	8,000 Bk	28" X 18"	2 1/2"
T1001	180	18	2.3	36	5,000 Bk	28" X 18"	2 1/2"
T1004	180	18	2.3	36	5,000 Bk	28" X 18"	2 1/2"
T1006	180	18	2.3	36	5,000 Bk	28" X 18"	2 1/2"
T1201	180	18	2.3	36	5,000 Bk	28" X 18"	2 1/2"
T1203	180	18	2.3	36	5,000 Bk	28" X 18"	2 1/2"
T1204	180	18	2.3	36	5,000 Bk	28" X 18"	2 1/2"
T1206	180	18	2.3	54	8,000 Bk	28" X 18"	2 1/2"
TJ806 (Jumbo)	180	18	2.6	36	4,000 Bk	28" X 18"	3 1/4"

Injection Flats



Durable and economical

Dillen Product Description	Carton Pk.	Carton Wght.	Carton Cube	Carton/ Plt.	Bulk Qty. Color	Diameter or Long	Height
Bedding Flats & Trays							
Standard							
Std. Lightweight 1020	58	14	2.6	54	2,700 Bk	21 1/8"x10 1/2	2 1/2"
TRUE							
True Lightweight 1020	58	17	2.6	60	3,000 Bk	20" x 10"	2 1/2"

Some styles and colors are special order only.

Gro Dome

Rugged vinyl dome 11"x22" fits tray and insert to provide ideal conditions for seed germination.

Code	Size	Pack
CW-221	11"x22"	50

Vacuum Flats

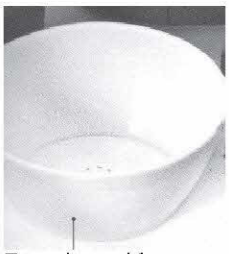
Dillen Product Description	Carton Pk.	Carton Wight	Carton Cube	Carton/ Pk.	Bulk Qty.	Color	Diameter or Long	Height
Vacuum Flats								
Standard Flats								
DVF1020/R/R5/R8/R10	180	34	2.7	32	3,600	Bk	21"X 10 1/2"	2 3/8"
True Flats								
TVF1020/R/R5/R8/R10/R12	180	26	3	36	3,600	Bk	20" X 10"	2"
TVF1020/R/R5/R8/R10/R12 (Full Dep	180	29	2.6	36	3,600	Bk	20" X 10"	2 5/8"

Vacuum Plug

	Carton Pack	Cells	Config.	Cell	Height
DPPLTR105	50	105	7x15	1-1/16"	1-3/4"
DPPLTR105H	50	105	7x15	1-1/16"	1-3/4"
DPPLTR128S	50	128	8x16	1-5/16"	1-9/16"
DPPLTR288	50	288	12x24	13/16"	1-1/16"
DPPLTR288C	50	288	12x24	13/16"	1-1/16"
DPPLTR512	50	512	16x32	9/16"	7/8"
DPPLTR512C	50	512	16x32	9/16"	7/8"

Some styles and colors are special order only.

Color Bowls



Four sizes with removable plugs.

Some styles and colors are special order only.

Dillen Product Description	Carton Pk.	Carton Wight	Carton Cube	Carton/ Pk.	Bulk Qty.	Color
Color Bowls	Ctn		Ft.			
10" Color Bowl (Hanger E-10 or E-10L)	82	22	3.1 Cl/Mo	10"		4 1/4"
10" Color Bowl (Hanger E-10 or E-10L)	82	22	3.1 Cl/Mo	10"		5 1/4"
12" Color Bowl (Hanger E-12)	42	22	2.8 Cl/Mo	12 5/8"		5 1/8"
12" Color Bowl (Hanger E-12)	42	22	2.8 Cl/Mo	13 5/8"		6 1/8"
12" Color Bowl Deep	50		Cl/Mo	12"		6"
12" Color Bowl Deep	50		Cl/Mo	12"		6"
14" Color Bowl	45	35	2 cl/mo	14 3/4"		5 5/8"
14" Color Bowl	45	35	2 cl/mo	15 3/4"		6 5/8"
16" Color Bowl	25	25	3 cl/mo	17"		6 1/4"
16" Color Bowl	25	25	3 cl/mo	17"		7 1/4"

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Belden Plant Containers Special Order

Hanging Garden

Code	Size	Pack	Weight
BE8HGG	7 5/8x4 3/4 Green	50	21
BE8HGW	7 5/8x4 3/4 White	50	21
BE10HGG	10x5 1/2 Green	25	21
BE10HGW	10x5 1/2 White	25	21

Dutch Bulb Food

Hi Yield's Dutch Bulb Food is specifically designed to be used with all types of flowering bulbs at planting time in spring and fall. Contains necessary nutrients for proper root development and growth of bulbs.

Code	Size
HYDUBU4	#4

Blood Meal

Hi Yield's Blood Meal 12-0-0, provides a slow relase Nitrogen. For use on roses, flowers, such as pansies, violets, caladiums etc., trees, shrubs and vegetables where luxuriant top growth and deep green foliage is desired. 2 lbs per 100 sq. ft.

Code	Size
HYBLME3	#3
HYBLME8	#8

Bone Meal

Hi Yield's Bone Meal 0-10-0, provides a slow release form of natural phosphorus to help plants produce sturdy root systems, hastens maturity and stimulates plant growth. For use on bulbs, roses, flowers and shrubs. 5 - 7 lbs. per 100 sq. ft. 1/2 to 2 tsps. per bulb.

Code	Size
HYBOME4	#4
HYBOME20	#20

Soil Sulfur

Hi Yield's Soil Sulfur helps create acidic soil conditions and also acts as a soil conditioner. Helps lower PH in excessively alkaline soils. It is slow acting but long lasting.

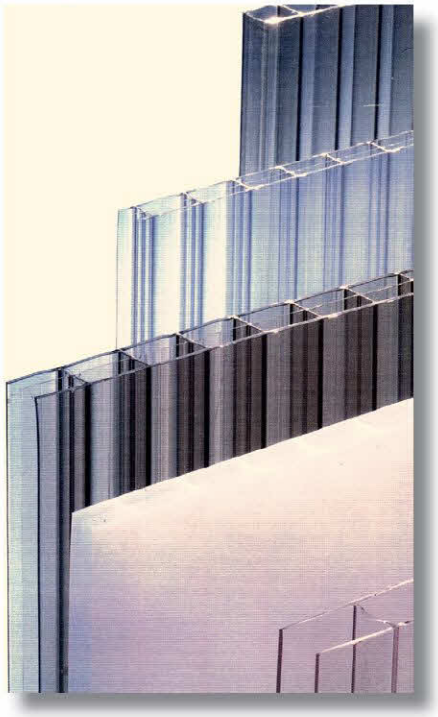
Mix into soil at rate of 1 to 2 lbs. per 100 sq. ft.

Code	Size
HYSOSU4	#4

Fill Chart

If you use:	Pot size*	Pots per 3 cf bag	Pots per 3.8 cf bale**
Standard round plastic pots	3"	396	940
	4"	174	413
	41/2"	117	278
	6"	48	114
Square plastic pots	3"	390	926
	31/2"	252	598
	4"	147	348
	41/2"	123	291
Plastic hanging baskets	6"	78	185
	8"	33	77
	10"	21	49
Plastic azalea pots	4"	198	470
	6"	60	142
	8"	24	57
Plastic nursery containers	1-gal	21	49
	2-gal	12	28
	3-gal	9	20
Bedding plant containers	Standard flat	14	32
	24 cell	34	80
	48 cell	23	55
	50 cell	24	57
	72 cell	33	77
Ornamental plugs (square cells)	406 cell	93	220
	512 cell	74	175
Speedling® trays	128 cell	15	36
	200 cell	21	50
	338 cell	31	73

Polycarbonate Sheeting



Call for prices

Twin Wall Sheets

Sheet size: Width 4' and 6'
Length up to 36' long (2 foot increments, minimum 8')
Colors: Clear, White, Bronze
Thickness: 6 mm to 16 mm

Unlike other glazing materials, twin wall polycarbonate is virtually unbreakable and provides as much as 60% more thermal insulation than glass. The light weight, durability, strength, ease of installation make it the ideal glazing material. A co-extruded UV protective layer insures high stability against the sun's rays.
Install with the protective layer (marked) placed towards the exterior. Ribs should be placed in a vertical position. Exposed ends should be covered to prevent dirt from entering into the sheet.
Macrolux is warranted for 10 years.
Macrolux is classified as self-extinguishing, it will not support flames, and it does not give off toxic fumes.

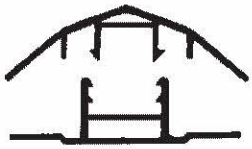
Sheet Thickness	MM / Inch	6 1/4	8 5/16	10 3/8
Lbs/sq.ft		.27	.35	.41
Light Transmission (ASTM-D1003(%))	Clear	82%	81%	80%
	Bronze	54%	52%	50%
	Opal	70%	66%	62%
Min. Bending Radius		2'11"	3'11"	4'11"
U Factor (BTU/Hr per Sq.Ft.)		.63	.60	.56
R Value		1.59	1.67	1.79

Other style sheets available, see illustration. Call for details on triple wall, single wall etc.

Special Orders Only

Extrusions

CORNER PROFILE
Joins 2 sheets at 90°



SNAP H PROFILES
Joins 2 sheets

U PROFILE
End Cap

H PROFILE
Joins 2 sheets

These clear extrusions are made from the same light, strong material as the sheets. They give a secure professional-looking installation. These profiles allow the sheet to slip allowing for heat expansion and contraction.
Corner Profile- Join two sheets at 90°. Length = 24'
U Profile- Place on open end of sheet to form a seal. Length = 12'
Snap H and H Profile- These profiles join two sheets together side-to-side. Length = 24'

Dry Conversion Table

Rate/Acre	Rate/1000 Sq. ft.	Rate/100 Sq. ft.
1 pound	2½ teaspoons	¼ teaspoon
3 pounds	2¼ tablespoons	¾ teaspoon
4 pounds	3 tablespoons	1 teaspoon
5 pounds	4 tablespoons	1¼ teaspoon
10 pounds	½ cup	2 teaspoons
100 pounds	2¼ pounds	¼ pound
200 pounds	4½ pounds	½ pound
300 pounds	6¾ pounds	¾ pounds
400 pounds	9 pounds	1 pound
500 pounds	11¼ pounds	1¼pounds

Liquid Conversion Table

Rate/Acre	Rate/1000 Sq. ft.	Rate/100 Sq. ft.
1 pint	¾ tablespoon	¼ teaspoon
1 quart	1½ tablespoons	½ teaspoon
1 gallon	6 tablespoons	2 teaspoons
25 gallons	4½ pints	1 cup
50 gallons	4½ quarts	1 pint
100 gallons	9 quarts	1 quart
200 gallons	4½ gallons	2 quarts
300 gallons	6¾ gallons	3 quarts
400 gallons	9 gallons	1 gallon
500 gallons	11¼ gallons	1¼ gallons

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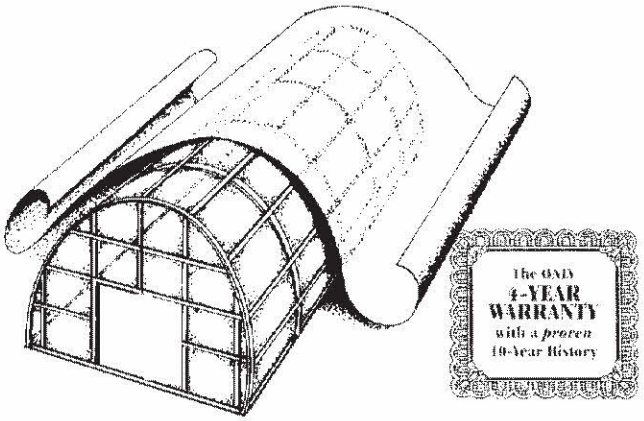
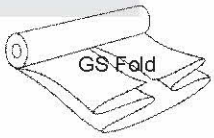
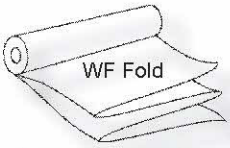
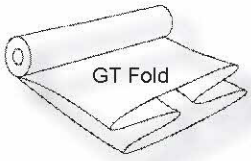
GREENHOUSE POLY FILM









4 Year Clear UV Film

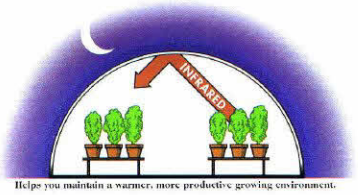
Code	Size	Mil	Fold	Weight
GT14	14x100	6	WF	40.4
GT16	16x100	6	WF	46.1
GT20	20x100	6	WF	57.6
GT20110T	20x110 Tube	6	GT	126.7
GT24	24x100	6	GS	69.1
GT28	28x100	6	GS	80.9
GT32	32x100	6	GS	92.5
GT32110	32x110	6	GS	101.7
GT36	36x100	6	GS	104.1
GT40	40x100	6	GS	115.2
GT40110	40x110	6	GS	127.2
GT40150	40x150	6	GS	173.4
GT42	42x100	6	GS	121.4
GT42110	42x110	6	GS	133.5
GT42150	42x150	6	GS	182.1
GT48	48x100	6	GS	138.2

Property	Typical Value	Unit	Test Method
Gauge			
Specified	6	mil	AT Method
Optical			
Transmission	92	%	ASTM D 1003
Haze	27	%	ASTM D 1003
Clarity	73	%	ASTM D 1003
Tensile: MD			
Max. Stress	33.3	MPa	ASTM D 882
Max. Load	125	N	ASTM D 882
Elongation	684	%	ASTM D 882
Tensile: TD			
Max. Stress	31.9	MPa	ASTM D 882
Max. Load	118	N	ASTM D 882
Elongation	776	%	ASTM D 882
Tear			
MD	10.2	N	ASTM D 1922
TD	30.2	N	ASTM D 1922
Dart Impact			
F(50) Fold	570	g	ASTM D 1709

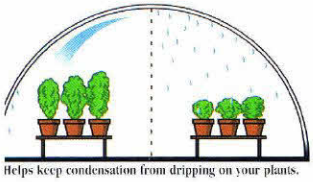
Gauge	UV Stabilized	Warranty	Anti Condensate?	Thermal?	Bee Compatibility?	White Opacity?	Diffusion?
6 mil	Yes 4 Years	Yes 4 Years	YES	YES	YES	Not Available	NO

Over Winter Clear (No UV)

4 Year Thermal Film with Condensate Control



Helps you maintain a warmer, more productive growing environment.


Helps keep condensation from dripping on your plants.

Thermal film traps the long waves (heat) for reduced night time heating requirements.

Install as inside layer to eliminate dripping inside the greenhouse.

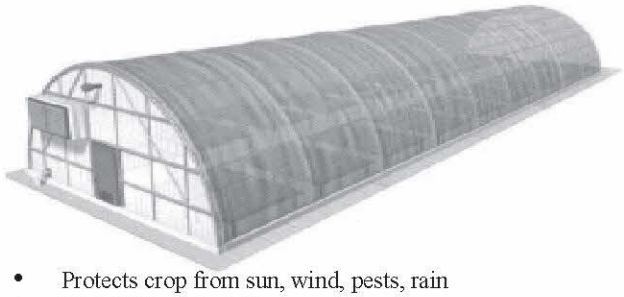
Property	Typical Value	Unit	Test Method
Gauge			
Specified	6	mil	AT Method
Optical			
Transmission	91	%	ASTM D 1003
Haze	35	%	ASTM D 1003
Clarity	78	%	ASTM D 1003
Tensile: MD			
Max. Stress	22	MPa	ASTM D 882
Max. Load	83	N	ASTM D 882
Elongation	600	%	ASTM D 882
Tensile: TD			
Max. Stress	21	MPa	ASTM D 882
Max. Load	82	N	ASTM D 882
Elongation	685	%	ASTM D 882
Tear			
MD	7.2	N	ASTM D 1922
TD	11.7	N	ASTM D 1922
Dart Impact			
F(50) Fold	650	g	ASTM D 1709

Call for pricing and availability for over winter/ Infrared/ Panda Film/ and Anti-Condensate.

Custom Made Fabrics

Greenhouse Shade Covers

Call for prices

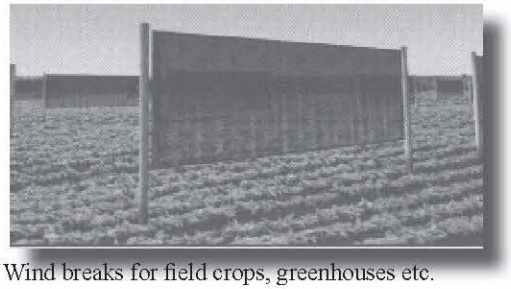


- Protects crop from sun, wind, pests, rain
- High UV resistant fabric
- Custom panel construction
- UV resistant thread & tape, industrial grommets
- Custom made to fit your greenhouse

Woven Cloth: 30% to 95% shade factor. Available in regular, and lath weave. Colors- Green and black

Knitted Cloth: Resistant to tears and fraying. Range- 30% to 73% Colors- White, Green, Black, Terra cotta, Sandalwood, and Brown

Wind Breaks



Wind breaks for field crops, greenhouses etc.
Reduced chilling, drying, and wind damage for field crops.
Reduce wind stress and heating requirements in greenhouses and other growing structures. (People will appreciate reduced wind velocity also!)
Ultra wind 50 & 60

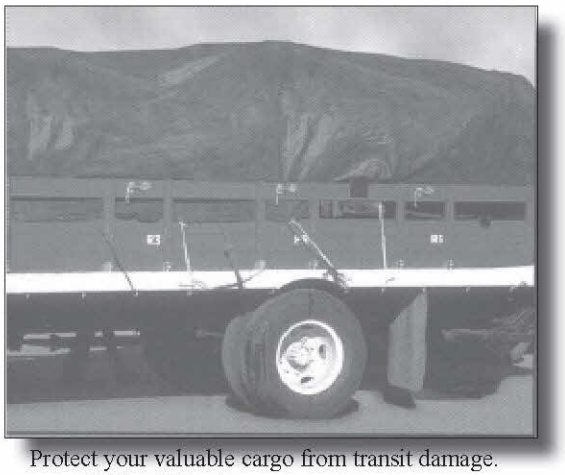
- Create a protective zone about 8 times the windbreak height.
- 50 or 60% Wind Blockage
- Rip & Fray Resistant
- UV Stabilized

Patio Shade

Cool shade for decks, patios, kennels. Blocks burning sun while allowing a gentle breeze through.
See greenhouse shade section above for available materials.

Custom Made Fabrics

Truck Tarps



Protect your valuable cargo from transit damage.

- UV stabilized
- Double lock stitching
- Brass grommets
- Tape reinforced edges
- Custom made to fit your truck and cargo

Call customer service for other geotextile needs such as

- Row Covers
- Weed Control
- Light Reflective Films
- Thermal Blankets
- Pest Barriers
- Bird Control
- Hail Net
- Pond Liners
- Pool & Spa Covers

Shade Cloth (Stocked)

Shade Cloth Available in Assorted Colors!
Bulk or Custom Lengths!

Knitted Shade Cloth

Light, economical cloth gives 60% reduction in light intensity. UV stabilized for long life. Lock weave construction so cloth may be cut without fraying along cut edge. Attach with Clip-Its.
Available in bulk rolls, and in retail packages complete with clip-its, and rope.

Code	Size	Pack	Weight
DWKS6012	12'x100'	1	32
DWKS606	6'x100'	1	16
DWSSR12	12'x12'	12	48
DWSSR6	12'x6'	12	40

Clip-It

Do-it-yourself, on-sight fastening eyelet for all kinds of fabric. Large surface area for strength, even in loose- weave fabric.

Code	Size	Pack
DWCITRB	N/A	300
DWCLITR	6/Pk	25

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Liquid Shade

Kool Ray Ultra is so concentrated it can be diluted with water at almost twice the amount of most other shade paints. Brighter for better heat reduction.

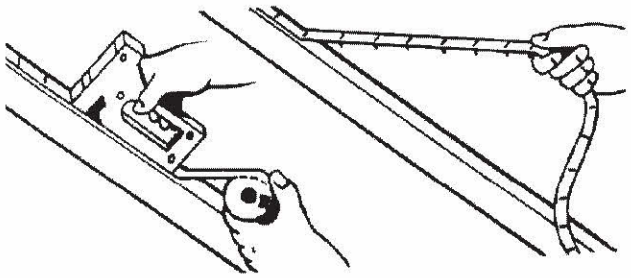
X-Tra Stick Additive
In most cases this additive is not needed, however if more adheasion is desired mix about 4 ounces in 1 gallon of concentrate liquid shade.

Dilution/Coverage
Standard dilution rate is 1 gallon of concentrate in 15 gallons of water. This gallon will cover about 175 sq. ft. giving about 31% reduction of light. KOOL RAY may be diluted less for greater light reduction, but multiple coats at the above rate will generally give better results.

Code	Size
COULEZG	Gal.
COSTADQ	Qt.

Film Attachment

Poly Tac Strip



3/4" white, UV stabilized vinyl tape provides a quick inexpensive fastening method for stapling plastic film to wooden structures. Staple every 4" holding tape tight.
Roll= 500'

Code	Size
KBPTS	3/4x500

Web Strap

Durable, UV stabilized, woven fabric. Place over greenhouse and anchor to help hold film on greenhouses in high wind situations.
Many other uses around the nursery.
Rolls 1.75"x300'

Code	Size	Pack
PABW	3/4x300	1

Film Attachment

PAK Guard Tape

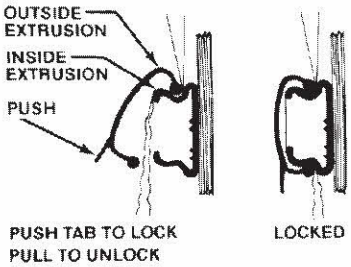
This felt tape helps extend the life of greenhouse coverings by reducing chafing and wear from arches or truss supports.
Rolls 1.5"x40'

Code	Size
PAGATA40	1.5x40

Wiggle Wire & Track

GTWIWI.....6ft lengths.....
GTWWBA.....12ft lengths

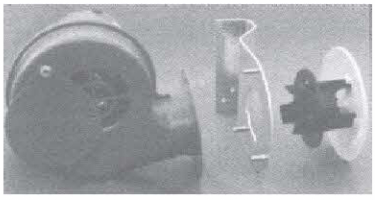
Kwick-Klip



Code	Size
JLKWLOB	8' Base
JLKWLOC	8' Cap
JLKWLOC6	6" Cap

An all aluminum extruded lock system to attach film to a greenhouse. Facilitates removal and replacement of film. Order cap and base for complete unit. Over curved surface use 8' base, and 6" cap.

Inflation System



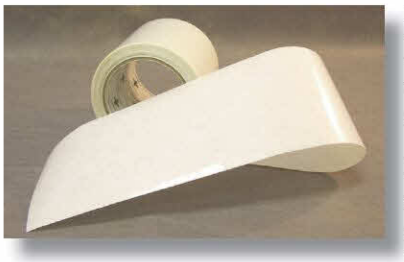
Blower
60 CFM
Adjustable Air Flow
Made to fit bracket

Bracket/Deflector
Reduces film deterioration where air constantly blows against film. Also eliminates air flow restrictions.

Jumper Hose
Easily move air from one envelope to another.

Code	Size
JLIB	Blower
JLIBB	Bracket
JLIBJH	Jumper

Film Repair

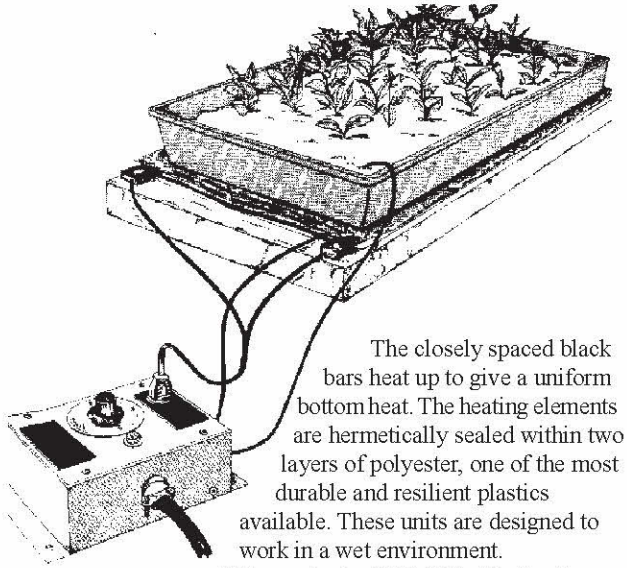


Poly Patch greenhouse film patch is made from clear UV stabilized film and a UV stabilized adhesive.

Repair tears, or reinforce stress areas around blowers, corners, etc.

Code	Size
JLPP2	2"x48'
JLPP4	4"x48'
JLPP6	6"x48'

Propagation Heat Mats



The closely spaced black bars heat up to give a uniform bottom heat. The heating elements are hermetically sealed within two layers of polyester, one of the most durable and resilient plastics available. These units are designed to work in a wet environment.

Kits are stocked 11"x10' with aluminum grounding screen.

Tape may be custom made to fit your benches. 11" may be up to 25' long.

Controllers

AT-1: Range 40° to 100° Amps- 20 The 4 outlets will control up to a maximum of 120 ft. of 11" heat tape. Sensor- thermistor connected via 6' capillary tube. Bury horizontal in soil to sense temperature. Grounding Receptacle- Unit has receptacle to ground aluminum screed. Do not use heat mat without proper grounding.

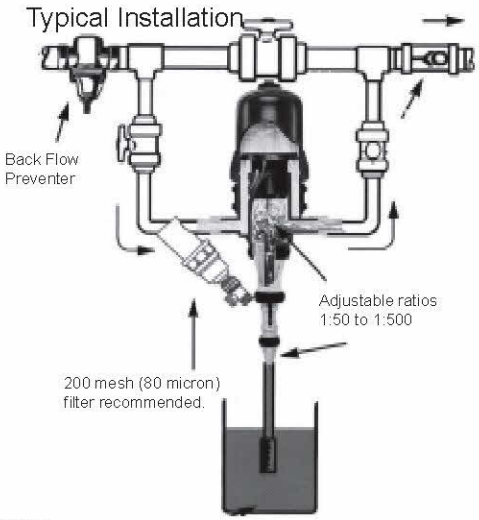
AT-JR: Same as above except it has 2 power outlets, and it will control up to 80' of 11' tape.

Code	Size
KBAHM10	11"x10'
Controllers	
KBAT-1	4 Outlet
KBAT-JR	2 Outlet

Call for custom mats.

Injectors

Dosatron Injector



14 GPM:

Flow Rate- 1/3 pint to 14 gallons per minute. Pipe Size- 3/4" NPT thread

Includes- Wall Support, Suction Hose

Filter Kit- Includes 200 mesh filter with clean-cut valve and hose couplings for quick hookup.

Repair Kits

Short Kit

This kit is ideal for normal, moderate use injectors. This kit is adequate for many first time maintenance.

Full Kit

This kit is designed for units under constant use, and /or harsh conditions. Routine maintenance once a year will extend the life of your injector, and eliminate unscheduled down-time.

Code	Size
DIINJ14	14 GPM
DISHKI11 (Short Kit)	
DIFUKI11 (Full Kit)	
DIINJ20	20 GPM
DIINJ40	40 GPM
Filter Kit	
DIHOKI11	3/4"

Plastic Syphonject

The plastic Syphonject is an economical way to apply liquid fertilizer.

Average dilution ratio is 16:1

Built-in vacuum breaker.

Code
DMPLSY

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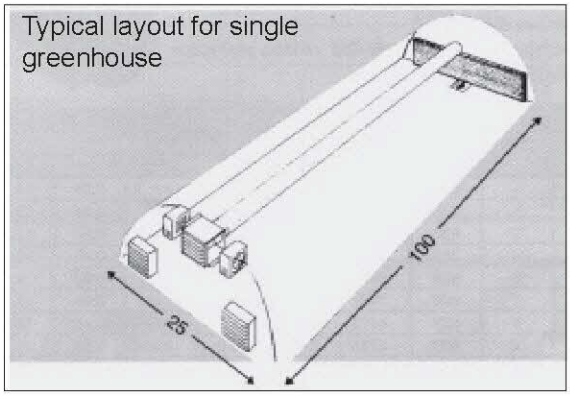
Ventilation & Cooling

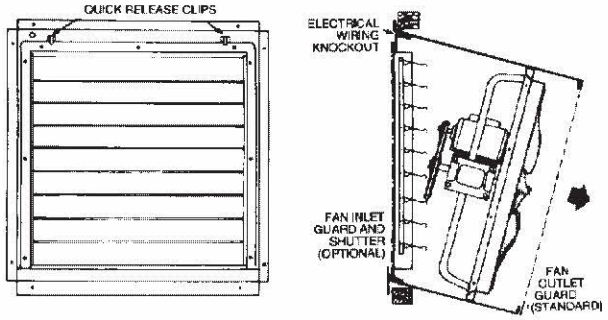
Special Order

Authorized Distributor

As an authorized Acme distributor we are trained to help you properly select this equipment to maintain the greenhouse environment you desire. Greenhouse equipment specifications must reflect our conditions, most notably altitude, and high light.

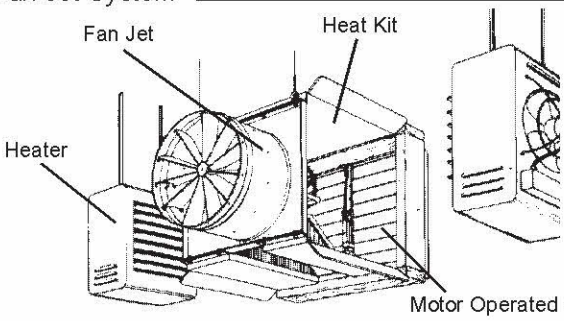


Greenhouse Fans



Super Windmaster Fans: 24" to 54" Motors up to 1.5 HP

Fan Jet System

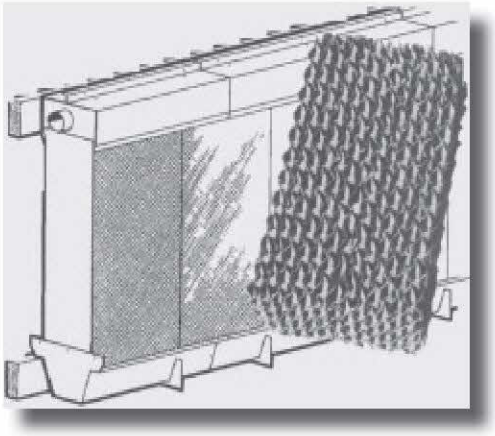


Fan Jet pressurizes a poly tube (not shown in illustration) running the length of the greenhouse, giving even, gentle air movement, resulting in even heat distribution, and disease suppression. Above illustration shown with optional Heat Kit.

Heat Kit provides a pick up area for heater discharge to evenly distribute heat from top to bottom, and end to end in the greenhouse.

Fan Jet can operate in conjugation with an exhaust fan and motor operated shutter to dehumidify the house, preventing many diseases.

Cooling Systems



Cool Cel Pad Systems
Choice of galvanized steel, Aluminum, and stainless steel.
4" and 6" wide pads.
24" to 72" tall
High efficiency, low pressure drop design.
Fully fabricated, no cutting or drilling required.

Greenhouse Thermostats

Percisely Controls Heating, Cooling, & Ventilation
Construction Eliminates Corrosion
Single & 2 Stage Available
Designed for Harsh Greenhouse Environments

Power Supply: 12v to 240v
Temp. Range: 30 - 104 F
Inductive Load: 8 amp
Non-Inductive Load: 16 amp
Sensor: 1 or 2 Stainless Steel Coils

Code
DMTHER1.....1 Stage

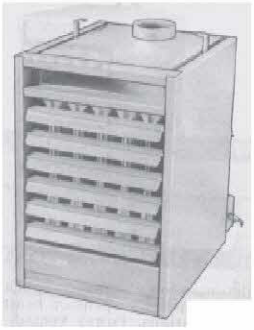
Code
DMTHER2.....2 Stage

www.GreenhouseAndGarden.com

Greenhouse Heating

Gas Fired Unit Heaters

Special Order



Standing Pilot Light

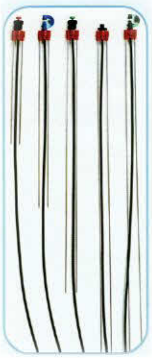
Fan Type

Over 80% Thermal Efficiency

Complies With Z83.8 Standard

Dramm Greenhouse Irrigation

To See More Click on the Link
http://www.dramm.com



Dramm Stix

Dramm's Stix allow you to water or mist from overhead when overhead lines are impossible, great for moveable benching, available in five different heights: 10" - 36". Includes poly tubing, stix, & Pin Perfect Nozzles.

360 Misty Mist Nozzle

Dramm's 360 Misty Mist Nozzle. Overhead mist propagation, irrigate plugs, raise humidity. Low to medium flow rate, 6' diameter spray pattern. 3' spacing. Top or bottom of pipeline, or riser installation.

360 Nifty Nozzle

Dramm's Nifty Nozzle. Use overhead or on-bench watering. Designed for foliage, bedding plants, & 4-6" pots. Easy on-off push pin, 10' diameter spray pattern, 3' spacing.

T-Drop Nozzle

Dramm's T-Drop Nozzle. Long narrow installations. 10' x 5" elliptical spray pattern, top or bottom of pipeline, or riser installation.

Dribble Tubes

Dramm's Dribble Tubes.
Waters 5", 6", or 7" pots evenly.
Water flow from 2 holes.
Lengths from 12" - 42" long.

Greenhouse Irrigation Controllers

Autovalve

Dramm's Autovalve

9 Volt Battery Operated Single Valve
Includes Valve
3 Modes: Single Start, Start on Select Days, Up to Three Start Times/ Day
Watertight Enclosure
Great for landscaping, outdoor crops, or temporary irrigation systems.

Mist Time

Dramm's Precision 8-Valve Misting Controller.

Temperature Input
Pump Output Option
Easy to Read Display
Easy to Use Controls

NEMA 4 rated PVC
Power supply 120V AC
Power output 24V AC
Overload Protection: Fuse

Rain Command

Dramm's Rain Command.

Multi-function Irrigation control.
Easy to program & use. Mist and irrigation control in same unit.
Simple or advanced programmable start.
42 Individual programmable start times per day per valve.

60 Hz power tolerance
Power tolerance +/- 10%

Rain Time

Dramm's Rain Time. 8-valve irrigation controller with manual selection.

Max irrigation duration of 99.9 minutes. Manual start, auto stop, easy to read display, easy to use controls.

Power supply: 120V AC
Power output: 24V AC

Greenhouse Kits

Special Order

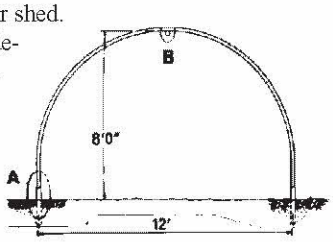
Hobby Houses

Freestanding Greenhouse
Widths: 8 ft. 12 ft.
Length: 8 ft. comes in 16 ft. and 24 ft.
12 ft. comes in 12 ft. and 24 ft.
Covering: All houses can be covered poly film, or polycarbonate.
Certain componets, such as doors are purchased locally.

Lean-To Greenhouse
Width: 6 ft.
Length: 12 & 24 ft.
Call for details.

12' Quonset

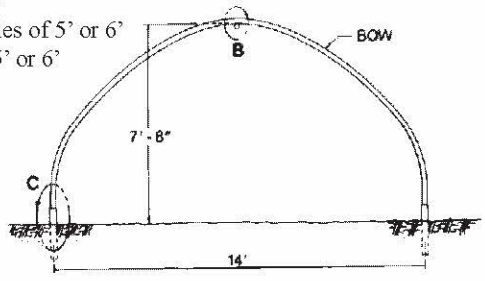
Ideal for a hobby greenhouse, or shed.
One piece bow with straight sidewalls. Cover with 24' poly film.
Lengths: Multiples of 5'
Bow Spacing: 5'
Purlins: 1



Call for details.

14' Quonset

This cold frame is specially designed to erected and dismantled quickly. One piece bow slips into ground anchor.
Cover: 24' poly
Length: Multiples of 5' or 6'
Bow Spacing: 5' or 6'
Purlins: 1

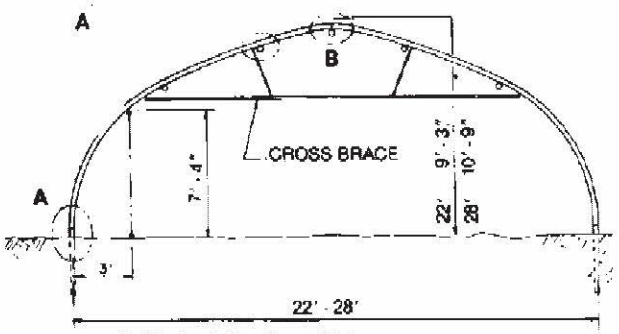


Call for prices

Film Requirements

G/H	Film
22'	32'
26'	40'
28'	42'
30'	48'

SS Series Gothic Arch



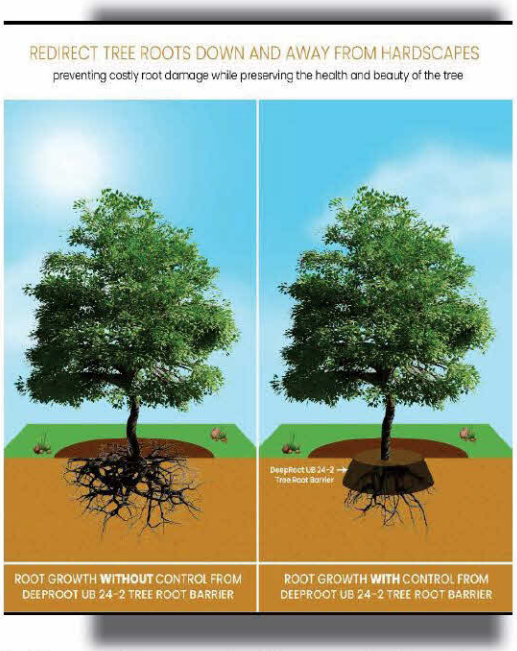
Available in following widths - 22',24', 26', 28', 30'
Length: Multiples of the bow spacing
Covering: 1 or 2 layers poly film, or polycarbonate sheets.
Typical sizes listed below.
Frame Kit: Includes 1 5/8" Bows, Cross Braces, 2x4 End Brackets, Anchors, all hadrware needed to erect the frame. No drilling required.
Kit does not include: Covering, Film Attachment System, End Walls, Optional Equipment

Wtdth Length	Bow Spacing	Purkin	Load	Sq. Ft.
30x48	4'	3	18 lb.	1440
30x45	5'	3	15 lb.	1350
30x48	6'	3	12 lb.	1440
30x96	4'	3	18 lb	2880
30x95	5'	3	15 lb	2850
30x96	6'	3	12 lb	2880
28x48	4'	3	18 lb	1344
28x48	5'	3	15 lb	1260
28x48	6'	3	12 lb	1344
28x96	4'	3	18 lb	2688
28x95	5	3	15 lb	2660
28x96	6'	3	12 lb	2688
26x48	4'	3	20 lb	1248
26x45	5'	3	16 lb	1170
26x48	6'	3	13 lb	1248
26x96	4'	3	20 lb	2496
26x95	5'	3	16 lb	2470
26x96	6'	3	13 lb	2496
24x48	4'	3	22 lb	1152
24x45	5'	3	18 lb	1080
24x48	6'	3	15 lb	1152
24x96	4'	3	22 lb	2304
24x95	5'	3	18 lb	2280
24x96	6'	3	15 lb	2304
22x48	4'	3	25 lb	1056
22x45	5'	3	20 lb	990
22x48	6'	3	17 lb	1056
22x96	4	3	25 lb	2112
22x95	5	3	20 lb	2090
22x96	6	3	17 lb	2112

Call for information.

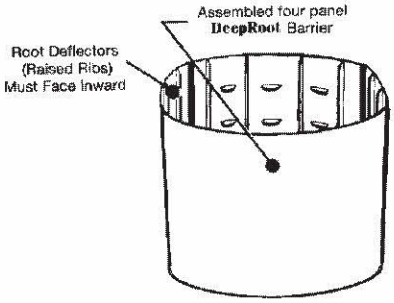
www.GreenhouseAndGarden.com

Root Barrier



This Ficus reaching maturity illustrates the **DeepRoot** method of directing tree roots downward, stopping roots from damaging surrounding structures. Lawns and surrounding plantings are also protected from uplifting.
See **Universal Barrier** and **Linear Barrier** on this page.

DeepRoot Universal Barrier

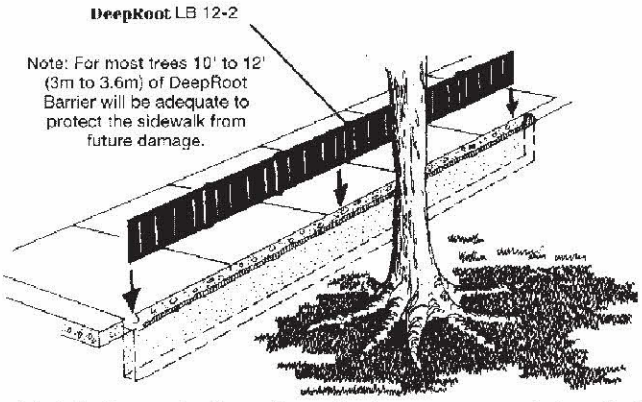


Suitable for either surround or linear plantings.
Contain tree roots to protect expensive sidewalks, driveways, etc.
3 depths to choose from.
Connect via zipper joining system.

Code	Size
DRUNBA18	18”x24”
DRUNBA24	24”x24”
DRUNBA36	36”x24”

Root Barrier

DeepRoot Linear Barrier



Ideal for linear plantings. Generally the most economical method to protect hardscapes. Each 2’ panel is separated by a flexable joint. Unit can be separated or flexed at the joint.

Code	Size
DRLIBA12	12”x2’

Tree Care

Tree Slings

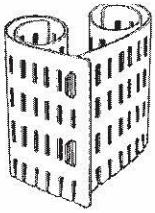
Wide, pliable strap will not damage tree. UV stabilized for long life. Brass eyelet makes for quick professional installation.
Code
DWTRSL

Tree Rope

Tree Rope will not cut into tree like regular rope.

Code	Size
DWTRRO3500	3500’

ArborGard+



Protect Trees from
String Trimmers
Rodents
One section 9” high, up to 4” diameter trunk
Connect units together for larger trees.

Code	Size
DRARGA	9”

www.GreenhouseAndGarden.com

DeWitt
DOWN TO EARTH PROTECTION

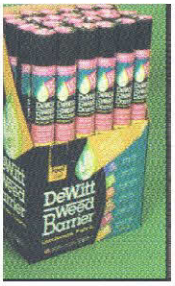
Pro 5 Weed Barrier

Premium woven weed barrier.
Over 5 oz. polypropylene fabric. 5 year guarantee against UV deterioration. Colored stripes on top spaces 12" apart for easy plant alignment. Supple texture of Pro 5 makes it easy to install over irregular surfaces. Excellent air and water penetration.

Code	Size	Pack	Weight
DWP53	3'x250'	1	24
DWP54	4'x250'	1	34
DWP55	5'x250'	1	38
DWP56	6'x250'	1	48
DWP58	8'x250'	1	68
DWP512	12'x250'	1	96

Properties	Test Method	Minimum	Typical	Max
Fiber Content			Polypropylene Base Fabrick, PET Fiber	
Color			Black with gold stripe every 12"	
Construction			24x11.4	
Weight	ASTM D-5261		5.397 oz/yd^2	
UV Resistance	ASTM D-4355		>70% after 2500 hours carbon arc exposure	
Water Permeablity			25.2-36.6 gal/ft^2 sec. Falling head method	
			16.9-26.9 gal/ft^2 sec. Constant head method	
Warp Tensils	ASTM D-4632	90 lbs	120 lbs.	
Fill Tensils	ASTM D-4632	50 lbs.	75 lbs.	
Warp Elongation	ASTM D-4632	15%	20%	25%
Fill Elongation	ASTM D-4632	10%	15%	20%
Burst	ASTM D-3786	65 psi	100 psi	
Puncture	ASTM D-4833	35 lbs	60 lbs	
Warp Tear	ASTM D-4533	25 lbs	55 lbs	
Standard Width		144"	145"	
Thickness\				

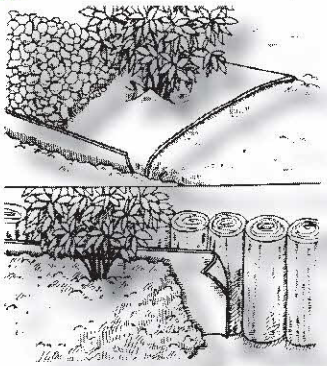
Retail Weed Barrier



Dewitt's retail weed barrier racks are convenient to place anywhere in store. These racks are available in multiple fabrics.

Code	Size	Pack
DWTYPAR50	3'x50'	27
DWTYPAR100	3'x100'	15
DWWBR24	3'x24'	24
DWWBR50	3'x50'	14
DWWBR100	3'x100'	7

Typar Weed Barrier 3301



Code	Size
DWTYPA3	3'x300'
DWTYPA4	4'x300'
DWTYPA6	6'3"x300'
DWTYPA9	9'x300'
DWTYPA12	12'7"x300'

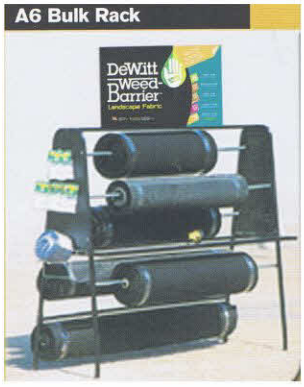
Silver, spun fiber, fabric for vegetation control, and soil separation.
Spun construction allows air and water to pass through while giving superior protection from weed penetration.
Weight ..... 3 Oz./Sq. Yard
Tinsel Strength ..... 130 lbs.
Puncture Strength ..... 35 lbs.
Coef. of Permeability ..... $4x10^{-2}$Cm/Sec.

Contractor Select Weed Barrier 3201

Silver, spun fiber, fabric for vegetation control, and soil separation. Spun construction allows air and water to pass through while giving superior protection from weed penetration.
Weight ..... 1.9 Oz./Sq. Yard

Code	Size
DWCOSE6	6'3"x300'
DWCOSE9	9'x300'
DWCOSE12	12'7"x300'

Bulk "Cut-N-Pull" Racks



Dewitt's Bulk Racks are a great way to display bulk rolls at your store. Simply pull and cut the amount of fabric the customer needs.

Retail Display Racks

Dewitt's Retail Displays Racks
This one is 6 feet tall, it can be used as an endcap display, a wall or inshelf display. You can fill this rack with up to four different fabrics.

Weed Barrier Acessories

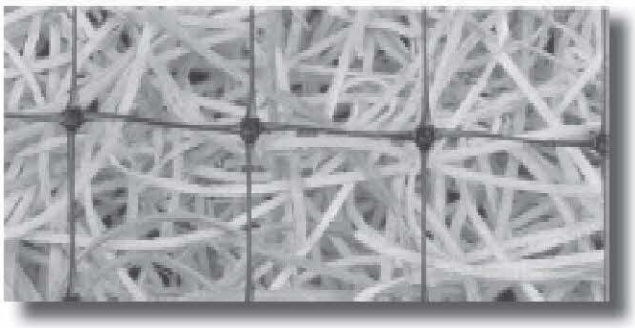
Anchor Pins

Use to properly anchor all types of fabrics. Pins measure 6"x1", made of steel for long life.

Code	Size	Pack
DeWitt Brand		
DWCPB	6"	500
DWANPI1000	6"	1000
DWCPR		12/Pk.48 (Retail Pack)

Erosion Control

Temporary Excelsior



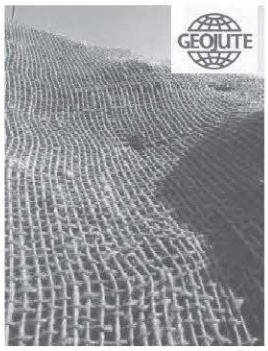
EXCEL R-1 Single net blanket
EXCEL R-2 Double net blanket

Code	Size	
R-1		
WESIEX4	4'x180'	Natural
WESIEX8	8'x90'	Natural
R-2 (Special Order)		
WEDOEX4	4'x180'	Natural
WEDOEX8	8'x90'	Natural

Also available in green, and straw, call for specific information.

Erosion Control

Geo Jute



- Easy and economical to install
- Totally biodegrades in 2 years
- Absorbs up to 5 times its weight in water
- Hugs the ground to hold soil and seed in place
- Helps prevent undercutting
- No synthetic net to interfere with mowers, or injure birds or animals
- Accepts hydroseeding before, and after installation
- Natural earthtone color
- Natural fiber undyed and unbleached, without toxins
- Can be used on slopes up to 1:1

Code	Size
Untreated	
GCJUME4	4'x225'

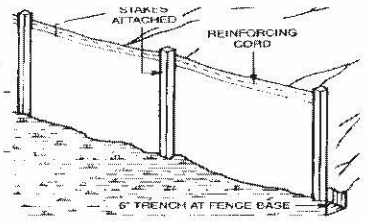
Natural Burlap

Natural, medium weave burlap is suitable for many uses including, B&B, erosion control, plant protection, shade, etc. Economical, and environmentally sound.

Code	Size	Pack	Weight
DWNABU3	3'x250'	1	30
DWNABU4	4'x250'	1	39
DWNABU6	6'x250'	1	58
DWNABU8	8'x250'	1	78
DWNB24	3'x24'	12	66

Silt Fence

3'x100' with 48" wodden stakes.



Code	Size
DWSIFE100	3'x100'

Plant Protection Fabrics

Seed Guard

Economical, .5 oz. UV treated material so it's reusable. Protects against sun scorching, cold, wind, rain, bird and insect damage.
Light white spun cloth allows some sun light, and air to pass through to maintain plant health.

Code	Size
DWSEGU500	12'x500'

N-Sulate

Similar to Seed Guard, but this cloth is heavier (1.5 oz.) for greater protection from frost.

Code	Size
DWNSUL10	10'x12' (12/Case)
DWNSUL250	12'x250'

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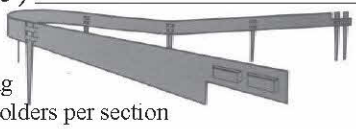
Landscape Edging

ProSteel 10 Gauge (1/8")



10 gauge (1/8") steel edging
4"x16' lengths / Six stakeholders per section
Six 12" tapered stakes supplied per section
ProKlad powder coat available in 6 colors, green, brown stocked. Allow 8" per section for overlap.

Code	Size	Pack	Weight
PSLAED1016	4"x16'	Green	32

Also available in Black & Galvanized steel.

Extra Stakes	
Code	
PSSTAK	Green
PSSTAKB	Brown

ProSteel 14 Gauge (1/16")

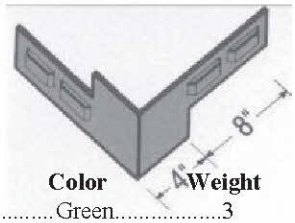
14 gauge (1/16") steel edging / 4"x10' lengths
Four stakeholders per section. Four 12" tapered staked supplied per section
ProKlad powder coat available in 6 colors, green, brown stocked. Allow 8" per section for overlap.

Code	Size	Pack	Weight
PSLAED1410	4"x10'	Green	13
PSLAED1410BR	4"x10'	Brown	13

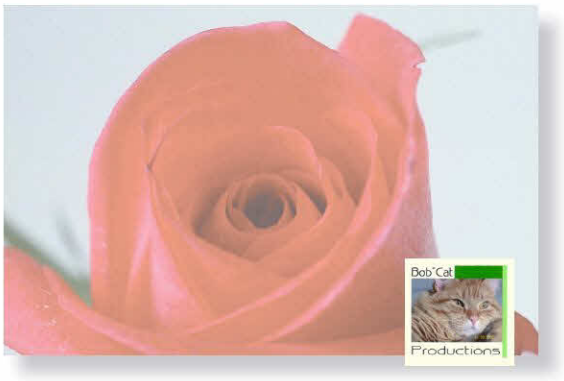
Other colors special order

Pre-Formed Corners

- 14 gauge
- 4"x12"x12"
- With pockets for stakes
- ProKlad coating
- Available in 6 colors
- Green & brown stocked



Code	Size	Color	Weight
PSCORN14	4"x12"	Green	3
PSCORNB	4"x12"	Brown	3



Landscape Edging

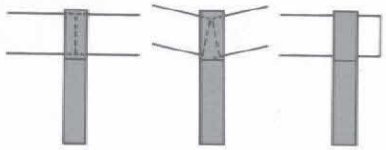
Safety Cap

Press on top of edging for round soft edge.
50' rolls Green stocked

Code	Size	Color	Weight
PSSACA	50'	Green	.5

J-Stake

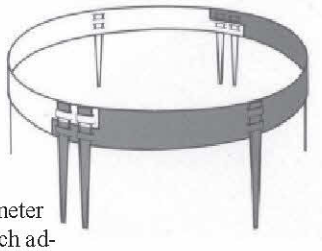
- Ideal for fast, easy professional installation.
- ProKlad coating



Code	Size	Color	Weight
PSJST	N/A	Green	.3
PSJSTB	N/A	Brown	.3

Circle Sections

- 14 gauge
- With pockets for stakes
- ProKlad coating
- Available in 6 colors
- Green & brown stocked



Two sections makes a 2" diameter circle. Add one section for each additional foot of diameter needed.
(3 sections = 3' diameter,
4 sections = 4' diameter etc.)

Code	Size	Color	Weight
PSCISE	N/A	Green	3
PSCISEB	N/A	Brown	3

Tree Rings

14 gauge (1/16")
Fast Easy Installation
20" with 2 stakes
28" with 3 stakes
36" with 4 stakes
60" with 5 stakes

Code	Sizet
PSCIRC1428	20"
PSCIRC1428	28"
PSCIRC1436	36".
PSCIRC1460	60".

Extra Stakes

- 14 gauge
- ProKlad

Code	Size	Color	Weight
PSSTAK	N/A	Green	3
PSSTAKB	N/A	Brown	3

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Back to Earth Organic Soil Conditioner

Composted Cotton Burrs

Call for drop ship prices.

Back to Earth Compost is made from the dried bud of the cotton plant. It is naturally rich in plant nutrients, being roughly 13.5% protein by weight.

Code	Size	Pallet	Weight
BTSC2	2 cu.ft.	55	32

Nitrogen	4.2
Sulfur	.60
ph	7

Code	Size	Pallet	Weight
BTSCP2	2 cu.ft.	55	32

Premium Composted Cattle Manure

Organic Soil Builder
Premium composted cattle manure taken to 3/8" minus particle size for easy, uniform application.

Size	Pallet
BTCAMA1 1 cu.ft.	55

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WILTPRUF

Best for keeping your plants Hydrated!!

Call for drop ship prices.

Other Back to Earth products available, call for details. These products available in bulk.

Square Feet Covered at Depth of . . .

Cu. Ft.	1/4"	1/2"	1"	2"	3"
1	48	24	12	6	4
2	96	48	24	12	8
2.8	134.4	67.2	33.6	16.8	11.2
3	144	72	36	18	12
3.8	182.4	91.2	45.6	22.8	15.2
5	240	120	60	30	20
10	480	240	120	60	40
27	1296	648	324	162	108

Note: 27 cu. Ft. = 1 cu. Yard

Charts and Tables

Coverage Chart

Cu. Ft.	Square Feet Covered at Depth of . . . 1/4"	1/2"	1"	2"	3"
1	48	24	12	6	4
2	96	48	24	12	8
2.8	134.4	67.2	33.6	16.8	11.2
3	144	72	36	18	12
3.8	182.4	91.2	45.6	22.8	15.2
5	240	120	60	30	20
10	480	240	120	60	40
27	1296	648	324	162	108

Note: 27 cu. Ft. = 1 cu. Yard

Fill Charts

CONTAINER FILL ESTIMATES

Number of containers filled by one cubic foot of mix

Container Size	LOW	HIGH
3" SQUARE	125	130
4" SQUARE	52	57
4" AZALEA	52	57
5" AZALEA	25	30
6" AZALEA	16	20
7" STANDARD	8	9

Container Size	LOW	HIGH
8" STANDARD	5	6
8" HANG. BASKET	10	12
10" HANG. BASKET	4	6
1 QT CONTAINER	22	27
1 GAL. NURSERY	6	8

Conversion Table

Dry Conversion Table

Rate/Acre	Rate/1000 Sq. ft.	Rate/100 Sq. ft.
1 pound	2½ teaspoons	¼ teaspoon
3 pounds	2¼ tablespoons	¾ teaspoon
4 pounds	3 tablespoons	1 teaspoon
5 pounds	4 tablespoons	1¼ teaspoon
10 pounds	½ cup	2 teaspoons
100 pounds	2¼ pounds	¼ pound
200 pounds	4½ pounds	½ pound
300 pounds	6¾ pounds	¾ pounds
400 pounds	9 pounds	1 pound
500 pounds	11¼ pounds	1¼pounds

Redi-earth CONTAINER FILL ESTIMATES

Number of containers filled by one cubic foot of mix

Container Size	LOW	HIGH
PLUG TRAY: DEEP	7	9
CELL PAKS: FLAT	5	7
2 ¼" SQUARE	350	360
3" SQUARE	125	130

Container Size	LOW	HIGH
4" SQUARE	52	57
4" AZALEA	52	57
5" AZALEA	25	30

PH Chart

- **Extremely acid:** < than 4.5; lemon=2.5; vinegar=3.0; stomach acid=2.0; soda=2-4
- **Very strongly acid:** 4.5-5.0; beer=4.5-5.0; tomatoes=4.5
- **Strongly acid:** 5.1-5.5; carrots=5.0; asparagus=5.5; boric acid=5.2; cabbage=5.3
- **Moderately acid:** 5.6-6.0; potatoes=5.6
- **Slightly acid:** 6.1-6.5; salmon=6.2; cow's milk=6.5
- **Neutral:** 6.6-7.3; saliva=6.6-7.3; blood=7.3; shrimp=7.0
- **Slightly alkaline:** 7.4-7.8; eggs=7.6-7.8
- **Moderately alkaline:** 7.9-8.4; sea water=8.2; sodium bicarbonate=8.4
- **Strongly alkaline:** 8.5-9.0; borax=9.0
- **Very strongly alkaline:** > than 9.1; milk of magnesia=10.5, ammonia=11.1; lime=12

Insecticide & Fungicide Charts

Insecticides

Insesecticides	aphids	caterpillars	fungus gnat	leafminer	mealy bug	mites	scale	slugs/snails	thrips	whitefly
Acephate	*	*		*	*		*		*	*
Avid	*			*		*			*	*
Azatin XL	*	*	*	*	*		*		*	*
Enstar			*			*				*
Floramite						*				
Gnatrol			*							
Insecticidal Soap	*	*	*		*	*	*		*	*
Marathon 1%	*		*	*	*		*		*	*
Marathon 60wp	*		*	*	*		*		*	*
Mavrik	*	*	*		*		*		*	*
Saf-T-Side	*			*	*	*	*		*	*
Sluggo								*		
Subspray	*			*	*	*	*		*	*
Talstar	*	*	*	*	*				*	*
Ultrafine	*				*		*			

Fungicides

Fungicides	Anthractnose	Black Spot	Blights	Botrytis	Downey MilDew	Fire Blights	Fusarium	Leaf Spot	Phytophthora	Powdery Mildew	Pythium	Rhizoctonia
Banrot							*		*		*	*
Cleary 3336	*	*	*	*			*	*				*
Daconil	*	*	*	*	*	*	*			*		
Kocide	*	*			*	*		*		*		
Phyton 27				*					*	*		*
Sudue Maxx					*				*		*	

sungro HORTICULTURE

QUICK GUIDE TO SUN GRO PROFESSIONAL PRODUCTS

sungro HORTICULTURE UNIVERSITY

SUN GRO PROFESSIONAL MIXES

Product	SKU	Moisture Holding	Germination	Rooting	Transplants	Hanging Baskets	Potted Plants	Perennials	Tropical Foliage & Ferns	Nursery
SS #5 RSi *	1342	Wet	●	●						
SS #1 RSi *	5101	Moist		●	●	●	●			
SS #4 RSi *	1341	Dry		◑	●	●	●	◑	◑	
MM 820 SC	552638	Moist			●	●	●	◑	◑	
MM 830 RSi	5102	Dry			◑	●	●	●	●	●

* N&O version of product is available

Transplants includes bedding plants & vegetables
Potted Plants includes floral crops like Cyclamen & Poinsettia
Tropical Foliage includes houseplants & interiorscape crops

◑ Mix may be appropriate in some applications. See product description below for more info.

Tips on growing mixes:

1. Be sure to consider the overall formulation with respect to air porosity and water-holding capacity.
2. Choose the right mix for the right pot size and crop duration.
3. Ensure plant roots have sufficient porosity for air and water, as well as the right balance of nutrients.
4. Manage your media well to ensure it maintains the right characteristics.

MIX ATTRIBUTES	Propagation Mix	Peat-Lite Growing on Mix	Bark-Based Growing on Mix
Particle Size	Fine	Medium to Coarse	Medium to Coarse
Air Space	Low to Moderate	Moderate to High	Moderate to High
Water Holding	High	Moderate	Moderate to Low
Longevity	Short	Short to Medium	Short to Long
Nutrient Needs	Low	Moderate	Moderate to High[1]

SUNSHINE® Professional Mixes

METRO-MIX® Professional Mixes

You'll Love RESiLIENCE® Silicon Enriched The Results

Updated: March 18, 2022

PEAT MIXES

Sun Gro peat mixes are designed for a wide variety of plant types from cuttings and cell packs to larger finished products and hanging baskets. They are light weight for use on benches and in hanging baskets. Sphagnum peat moss is the "gold standard" for potting mix ingredients. It provides excellent moisture and nutrient holding, as well as aeration. Ready to Gro.

SS #1 RSi

Characteristics

Physical	Chemical
Particle Size | Medium	5.4 to 6.5 | pH
Drainage | Moderate	0.75 to 2.0 | EC
Water Holding | Moderate	High | Fertility

Ingredients

80% Grower White Peat
20% Perlite
Dolomitic Limestone
Wetting Agent
RESiLIENCE®

Suggested Uses

Cuttings
Liners
Propagation Trays
Cell Packs
Pots < 5"
Pots 6-10"
Pots >10"
Hanging Baskets

Talking Points:

- Most versatile peat-based formulation.
- Silicon may improve performance under stress.
- Light weight mix with good water holding capacity.
- Good at holding nutrients.

Formats

SKU	Size	# per Pallet
5101.CFC003.8P	3.8 CFC	30
5101.CFL002.8P	2.8 CFL	54
5101.CFL080P	80 CFL	2

SS #4 RSi

Characteristics

Physical	Chemical
Particle Size | Medium	5.4 to 6.5 | pH
Drainage | High	0.75 to 1.75 | EC
Water Holding | Low	Medium | Fertility

Ingredients

67% Grower White Peat
33% Perlite
Dolomitic Limestone
Wetting Agent
RESiLIENCE®

Suggested Uses

Cuttings
Liners
Propagation Trays
Pots < 5"
Pots 6-10"
Pots >10"
Hanging Baskets

Talking Points:

- Silicon may improve performance under stress.
- Light weight mix with good drainage. Helps maintain O_2 levels in root zone during periods of too much water.
- Lower fertility allows for better control of growth by adjusting fertilizer rates.

Formats

SKU	Size	# per Pallet
1341.CFC003.8P	3.8 CFC	30
1341.CFL002.8P	2.8 CFL	54
1341.CFL080P	80 CFL	2

BARK MIXES

Sun Gro bark mixes are designed for a wide variety of plant types and for containers ranging from large cell packs to nursery containers. The added bark brings weight and durability to the mix. The weight helps keep containers upright as the plants grow larger. The durability is important in long-term crops and those grown outdoors. Ready to Gro.

MM 820 SC RSi

Characteristics

Physical	Chemical
Particle Size | Medium	5.4 to 6.5 | pH
Drainage | Moderate	1.5 to 2.5 | EC
Water Holding | Moderate	High | Fertility

Ingredients

40% Grower White Peat
20% Coir
20% Bark
20% Perlite
Dolomitic Limestone
Wetting Agent
RESiLIENCE®

Suggested Uses

Cell Packs
Pots < 5"
Pots 6-10"
Pots >10"
Hanging Baskets
Perennials 4"/qt

Talking Points:

- MM 820 SC is a good choice for a wide range of smaller containers.
- It will hold more water than MM 830.
- Silicon may improve performance under stress.
- Durable mix for longer term use.
- Heavier mix helps prevent blow over.

Formats

SKU	Size	# per Pallet
552638.CFL002.8P	2.8 CFL	40
552638.CFL060P	60 CF	2

MM 830 - F3B RSi

Characteristics

Physical	Chemical
Particle Size | Medium	5.4 to 6.5 | pH
Drainage | High	1.5 to 2.5 | EC
Water Holding | Moderate	Medium | Fertility

Ingredients

55% Grower White Peat
30% Bark
15% Perlite
Dolomitic Limestone
Wetting Agent
RESiLIENCE®

Suggested Uses

Cell Packs
Pots < 5"
Pots 6-10"
Pots >10"
Hanging Baskets
Perennials 4"/qt
Perennials 6"/gallon
Nursery Containers

Talking Points:

- MM 830 is a good choice for a wide range of containers.
- It is better drained than MM 820 SC.
- Silicon may improve performance under stress.
- Durable mix for longer term use.
- Heavier mix helps prevent blow over.

Formats

SKU	Size	# per Pallet
5102.CFL002.8P	2.8 CFL	48
5102.CFL060P	60 CFL	2

NOTE: MM 830 is the suggested replacement for MM 360. The major difference is MM 360 contained vermiculite. It is the same mix as Fafard 3B.

Jack's PROFESSIONAL

6656 Grant Way, Allentown, PA 18106 866-522-5752

Jack's LX™ Water-Soluble Fertilizers	Product #	25 lb bags, 80 bags per pallet	
21-5-20 All Purpose	77990	** OXIDIZER	
20-5-19 Poinsettia	77590	** OXIDIZER	
17-4-17 Pure Water	77560		
16-2-15 Plug (for high alkalinity water)	77600		
15-5-15 Ca-Mg	77940	** OXIDIZER	
15-0-14 Dark Weather Plus Mag	77270		
13-2-13 Plug	77490		

Jack's FeED™ Water-Soluble Fertilizers	Product #	25 lb bags, 80 bags per pallet	
22-5-16 Mum FeED	77740		
20-3-19 Petunia FeED	77770		
18-2-18 Boosted Base FeED	77700	ǂ	
17-5-19 Poinsettia FeED	77760		
15-4-15 Poinsettia FeED	77750		
17-3-19 Fall Pansy FeED	77730		
15-2-20 Spring Pansy FeED	77720	** OXIDIZER	
16-4-17 Oasis Hydroponic	71750		

Jack's Professional™ Water-Soluble Fertilizers	Product #	25 lb bags, 80 bags per pallet	
30-10-10 Hi Nitro	77060	ǂ	
27-15-12 Foliar Feed	77521		
25-9-17 Berry Special	77680		
25-5-15 High Performance	77900		
24-8-16 Tropical Foliage	77930		
21-8-18 Mag Mum	71440		
21-7-16 Interiorscape Special	73000	** plastic bucket container	
21-7-7 Acid	77130		
20-20-20 General Purpose	77010		
20-20-20 Florida	77800	* Avail. Florida Only	
20-10-20 General Purpose	77840	** OXIDIZER	
20-10-20 Peat-Lite	77860	** OXIDIZER	
20-0-20 Hi Cal Peat-Lite	77660	ǂ ** OXIDIZER	
17-5-24 Low Acid Peat-Lite	77430		
16-4-20 Orchid Well Water	77650	ǂ	
16-4-12 Easter Lily	77100		
15-30-15 Hi Phosphate	77080		
15-20-25 Poinsettia Finisher	77050	ǂ	
15-16-17 Peat-Lite	77220		
15-15-15 Geranium	77020		
15-11-29 Peat-Lite	77230	ǂ ** OXIDIZER	
15-10-30 Pot Mum	77110		
15-5-25 Poinsettia Peat-Lite	77790		
15-0-15 Dark Weather	77190		
15-0-15 Dark Weather Peat-Lite	77180		
13-0-44 Finisher	77241	** OXIDIZER	
12-3-15 Orchid RO Water *pH adjuster recommended	77640	ǂ	
10-30-20 Blossom Booster	77160		
9-45-15 Plant Starter	77140		
MOST (Mix of soluble traces)	77391		
MOST NO BORON (Mix of soluble traces)	77392		

Jack's Nutrients® Products	Product #	25 lb bags, 80 bags per pallet	
5-12-26 Part A	79030		
Cal Nit Part B (15.5-0-0)	79080		
12-4-16	79040		
5-50-18 UltraViolet	79010		
15-0-0 Cal-Trate	79170		
14-5-38 K-Trate	79180		
10-0-0 Mag-Trate	79190		

Aqua Gold High Tunnel Water-Soluble Fertilizers	Product #	25 lb bags, 80 bags per pallet	
21-8-18 Aqua Gold Low Phos Grower	77034		
15-20-28 Aqua Gold Grow & Bloom	77004		

Jack's Professional™ Dry Nutrient Charge	Product #	50 lb bags, 40 bags per pallet	
10-5-10 Media Mix Plus III	77370		

Highlighted items are stocked items!

ROCKY MOUNTAIN SOILS, INC.

Product	Per Size	FOB Pallet
Top Soil	1.25 CF	65
Mushroom Compost	1.25 CF	65
Composted Cow Manure	1.25 CF	65
Peat & Sheep	1.25 CF	65
Peat Humus	1.25 CF	65
Potting Soil	32 QT.	65
Premium Planters Mix	32 QT.	65
Garden Compost	1.25 CF	65
Small Decorative Bark	3 CF	44
Medium Decorative Bark	3 CF	44
Large Decorative Bark	3 CF	44
Small Decorative Bark	2 CF	65
Medium Decorative Bark	2 CF	65
Large Decorative Bark	2 CF	65
Bark Mulch	2 CF	65
Dyed Red Mulch	2 CF	65
Soil Prep	2 CF	55
Sand (All Purpose)	1/2 CF	50
Red Cedar Shredded Mulch	2 CF	90
Red Cedar Shredded Mulch	3 CF	70
Red Volcanic Stone	1 CF	63
Raised Bed Mix	1 CF	65
Tree and Shrub Mix	1 CF	65
Forest Compost	1.5 CF	65
1) 22 Pallet truckload and 6 pallet minimum order.		

Best Use: Soil Amendment

Features: Spent Mushroom Substrate, High water and nutrient holding capacity

Ingredients: Spent Mushroom Substrate, Wheat-straw, Poultry Manure, Peat Moss, Gypsum, Cottonseed Hulls

Best Use: Bed filler, used alongside other amendments

Features: Fancy Dirt

Ingredients: Compost, Washed Sand, Humus

Best Use: Soil Amendment

Features: Increase Fertility, Improve Soil Structure

Ingredients: Mushroom Compost, Peat Moss, Humus, Composted Bark

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